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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE LIBRARIES
BOOK LIST NO. 3N - APRIL 1953

1. The following list of technical publications is issued in accordance with Air Force Regulation 212-1 and is intended to serve as a guide in the selection of technical books by Air Force Librarians. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 3 through 3M.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the library at each installation. It is suggested that the lists be called to the attention of personnel interested in various types of technical material for their selection and recommendations.

3. An Open Contract AF 33-602-3525 has been negotiated with W. E. Falk, Books, 911 Main Street, Cincinnati 2, Ohio, for the procurement and direct supply of commercial technical books and periodicals to the United States Air Force for the Calendar Year 1953.

4. Requisitions for commercial technical books and periodicals for Air Force libraries (except the Air University Library, AF 1799 LO, Aero Medical Research Library, AF 1796 LO, USAF Institute of Technology Library, AF 1887 LO, and any other libraries authorized local purchase in accordance with provisions of AFR 70-16, 5 March 1953) will be submitted in the following manner and to be valid each requisition must be signed by an accountable library officer, or agent, and contain the library stock record account number.

a. Channels

(1) Requisitions for technical publications from libraries under the jurisdiction of a major air command (except as noted below) will be submitted to the major air command, Attention: the Command Librarian and for the Air Training Command to the commanders of the Technical Training, Flying Training and Crew Training Air Forces, Attention: Command Librarian.

(2) Requisitions for technical publications from libraries under the jurisdiction of Headquarters Command, Air Proving Ground, and activities under the direct jurisdiction of Headquarters USAF will be submitted to Director of Military Personnel, Headquarters USAF, ATTN: AFPMP-12-A.

b. Books

(1) All requisitions for technical library books will be submitted on AF Form 104B, together with two (2) copies of AF Form 104C to the appropriate air command for review by Command Librarian prior to submission for supply action.

(2) Command Librarians will stamp their office symbol on each requisition to indicate review has been accomplished prior to forwarding to the appropriate agency for supply action e.g., the open contractor or Wilkins Air Force Depot.

(3) Separate requisitions will be submitted through appropriate channels for items on the Federal Supply Schedule which come within the category of technical publications for review of such requisitions prior to submission to Wilkins Air Force Depot for supply action by the Command Librarian concerned.

(4) All requisitions will contain: Author, title, publisher and price for each item and the address of obscure publishers will be included. Each requisition must be double spaced, signed by the accountable library officer or agent and the protector sheet must be removed so that the requisition, including the signature, will reproduce. Grouping of items by publisher will facilitate supply action.

c. Periodicals

(1) Separate requisitions for technical periodicals will be submitted on AF From 104B together with two (2) copies of AF Form 104C to the appropriate air command for review by Command Librarian prior to submission for supply action.

(2) Under the exception to mandatory use periodicals listed in the Federal Supply Schedule Periodical and Law Books, Class 35, Part II, Items 35-G-1175-650 to 35-G-1175-1523 will be submitted in the manner specified in paragraph 4c(1), above with no specification of Federal Supply Schedule contract numbers.

(3) Periodical subscriptions will normally be entered to expire in December of a calendar year; therefore requests for renewal will be submitted ninety (90) days prior to the expiration date.

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d. Government Publications

(1) Requisitions for government publications, available from the Government Printing Office, including government periodicals, will be forwarded directly to the U. S. Government Printing Office, Washington 25, D.C. in accordance with Open Contract No. (33-600) 52-4293AF on AF Form 104B, together with two (2) copies of AF Form 104C. No approval by a higher headquarters is required.

(2) Government publications which are not available through the Government Printing Office, but which require payment therefor, e.g., Library of Congress publications, will be requisitioned in the same manner as books (see paragraph 4b, above) and submitted to Wilkins Air Force Depot for supply action.

(3) Direct negotiations with the issuing agency will be made for free government publications. No Receiving Reports are required for government publications requisitioned through the cited Open Contract.

(4) Government legal and Hydrographic Office publications will not be procured from the U. S. Government Printing Office under the provisions of the Open Contract cited in paragraph 4d(1), above. Government Printing Office legal publications such as Decisions of the Comptroller General (Class 30G) will be procured in accordance with the provisions of paragraph 4f, below. Hydrographic Office publications (Class 30G) will be requisitioned in accordance with the provisions of paragraph 6, below.

e. Medical Publications

(1) Medical publications will be procured in accordance with paragraph 53, Part IV, Section VI, AFM 67-1.

(2) Medical publications required by libraries for medical research purposes will be requisitioned in accordance with paragraph 4(a) and (b) giving purpose and justification on the requisitions.

f. Legal Publications

(1) Requisitions will be submitted on AF Form 104B, together with two (2) copies of AF Form 104C, through the Base Library to the major air commands (Air Training Command

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activities will submit requisitions to Commanders of Technical Training, Flying Training and Crew Training Air Forces) ATTN: Staff Judge Advocate and Command Librarians for review, approval and submission to Director of Military Personnel, Headquarters USAF, ATTN: AFPMP-12-A. Each requisition for legal publications must be signed by an accountable library officer, or agent, for the authorized library account.

(2) Requisitions for legal publications on the Federal Supply Schedule must include the following information: Contract Number, description, price and unit.

(3) Requisitions for legal publications which are not on the Federal Supply Schedule should include bibliographical information, such as publisher, price, and date of publications, when such information is available.

(4) Requisitions which are approved by Headquarters USAF, will be forwarded to Commanding Officer, Wilkins Air Force Depot, Shelby, Ohio, ATTN: MHSCE23 for central procurement since the Open Contract negotiated with W. E. Falk, Books, Cincinnati 2, Ohio for procurement and supply of commercial technical books and periodicals does not apply to legal books. A copy of the Purchase Order for each legal book on which procurement action is taken will be furnished the requisitioning agency. Instructions relative to the submission of Receiving Reports and the designated Finance Office will be contained in the Purchase Order.

5. The following provisions of Open Contract No. 33-602-3525 with W. E. Falk, Books, Cincinnati 2, Ohio are furnished for information and guidance:

a. The Contractor will conduct all negotiations to effect delivery of the items called for within a specified time limit of fifteen (15) days, except foreign publications which shall be sixty (60) days. If delivery cannot be made within this time limit, the Contractor will notify the requisitioning agency of the reason for delay and the approximate date delivery can be made.

b. The Contractor will annotate each requisition to indicate the action taken on each item requested and transmit copies of the annotated requisitions to the requisitioning agencies.

c. The Contractor will secure any additional information that may be required to effect supply action directly from the requisitioning activity.

d. Any follow-up action which may be required as to the status of an item requested will be made by the requisitioning agency directly to the Contractor.

e. Receiving Reports will be prepared and submitted in accordance with paragraph 26, Part I, Section III, AFM 67-1. The Contract Number (33-602-3525) will be inserted as the "Prime Contract Number" in the preparation of the DD 250 Form (Receiving Report) for material furnished by this contract. The Finance Officer, Wilkins Air Force Depot, Shelby, Ohio is the designated disbursement office subject to this contract.

6. All requisitions initiated by other than accountable library officer, or agent, must be signed by an authorized supply officer and must include pertinent basis for requisition such as T/A, ECL, e.g., AFR 75-22. These requisitions will be submitted to the Commanding Officer, Wilkins Air Force Depot, Shelby, Ohio, ATTN: MHSCE23. Requisitions which do not cite authority for items requisitioned will not be honored.

7. The Open Contract referred to herein does not apply to publications required for civilian military training programs.

BASIC LIST OF TECHNICAL PERIODICALS FOR USAF LIBRARIES

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air Trails
American Aviation
American Aviation Directory
American Photography
American Rifleman
Army-Navy-Air Force Journal
Army-Navy-Air Force Register
Audio Engineering
Automotive Industries
Aviation Age
Aviation Week
Booklist
Bulletin of the American Meteorological Society
Camera
CAA Journal
Combat Forces Journal
Electronics
Flight and Aircraft Engineer
Flying
Instruments
Journal of the Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Materials and Methods
Mechanical Engineering
Military Affairs
Military Engineer
Military Review
Modern Photography
National Aeronautics and Flight Plan
Ordnance
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio and Television News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Skyways
Technical Book Review Index
Television Engineering
U.S. Air Services
U.S. Official Postal Guide
Western Flying

BOOKS

1674 Aircraft Yearbook, 1952. Washington, D.C., Lincoln Press, 1952. $6.00.

A standard reference work on United States aviation.

1675 Brassey's Annual; The Armed Forces Year-Book, 1952. N.Y., Macmillan, 1952. $8.50.

A British year-book in its sixty-third year.

1676 Brett, George H.
The Air Force Officer's Guide. N.Y., McGraw-Hill, 1952. $5.00.

An informative and informal guide containing authoritative information.

1677 Brown, Rose
Bicycle in the sky, the story of Alberto Santos -Dumont. N.Y., Scribner, 1953. $2.50.

The story of Brazil's adventurous aviator.

1678 Burgess, Eric
Rocket propulsion. London, Chapmen & Hall, Ltd., 1952. $4.50. (Available thru Macmillan).

An explanation of the part rocket power will play in the life of mankind.

1679 Cabot, Hugh
Human relations: Concepts and cases in concrete social science. Cambridge, Mass., Harvard University Press, 1953. 2 vols, $4.25 each.

The discussion method applied to study of all aspects of human behavior.

1680 Caidin, Martin
Rockets beyond the earth. N.Y., McBride, 1952. $4.50.

A popular account of the possibilities of space travel.

1681 Coulthard, W. H.
Aircraft Instrument Design. N.Y., Pitman, 1952. $7.50.

Theory and practice based on British experience.

1682 Dommasch, Daniel O.
Elements of propeller and helicopter aerodynamics. N.Y., Pitman, 1953. $4.50.

A text on the undergraduate level.

1683 Edson, William A.
Vacuum-tube oscillators. N.Y., Wiley, 1953. $8.50.

Theory, design and operation on the graduate level.

1684 Ellsworth, Lyman R.
Guys on ice. N.Y., McKay, 1952. $3.00.

A story of an episode in World War II in the Pribilofs.

1685 Fletcher, Harvey
Speech and hearing in communication. N.Y., Van Nostrand, 1953. $9.75.

A comprehensive treatment useful for electrical, communications and radio engineers.

1686 Flora, Snowden D.
Tornadoes of the United States. Norman, Oklahoma, University of Oklahoma Press, 1953. $3.50.

First and only complete book on tornadoes.

1687 Frazee, Irving
Automotive collision work. Chicago, American Technical Society, 1953. $4.95.

A completely modern practical text.

1688 Gatland, Kenneth W.
Development of the guided missile. N.Y., Philosophical Library, 1952. $3.75.

The evolution of guided missiles and their future development.

1689 Ginzberg, Eli, and Bray, Douglas W.
The uneducated. N.Y., Columbia University Press, 1953. $4.50.

A consideration of the present status with policy recommendations for education and for military service.

1690 Goerlitz, Walter
History of the German General Staff, 1657-1945. N.Y., Praeger, 1953. $7.50.

Important data for consideration of the problems of military command and policy.

1691 Halpine, Charles G.
A pilot's meteorology, 2nd ed. N.Y., Van Nostrand, 1953. $5.00.

Meteorological concepts which concern the airman.

1692 Harrington, Richard
The face of the Arctic. N.Y., Schuman, 1952. $6.00.

A cameraman's story in words and pictures of the far north.

1693 Hitchins, H. L.
From lodestone to gyro-compass. N.Y., Philosophical Library, 1953. $4.75.

An introduction to the subject of compasses by a British author.

1694 Hornung, J. L.
Radio operating questions and answers. N.Y., McGraw, 1952. $4.50.

The eleventh edition of a text for study to pass the FCC examinations.

1695 Kieffer, John E.
Strategy for survival. N.Y., McKay, 1953. $4.00.

A presentation of the basis of strategy upon which our survival depends.

1696 Korn, Granino A.
Electronic analog computers (D-c analog computers). N.Y., McGraw, 1952. $7.00.

Solving problems, installing, adapting and designing automatic computing devices.

1697 Mountevans, Admiral Lord
Arctic Solitudes. N.Y., Philosophical Library, 1953. $4.50.
A concise history of arctic explorations.

1698 Muchmore, Robert B.
Essentials of microwaves. N.Y., Wiley, 1952. $4.50.

Principles of microwave apparatus and its functions.

1699 Palmer, Claude Irwin
Practical mathematics, 4th ed. N.Y., McGraw, 1952. $6.00.

Arithmetic to trigonometry written for home study.

1700 Pankhurst, R. C.
Wind-tunnel technique. N.Y., Pitman, 1952. $10.00.

A systematic account of the various methods that have been employed in low - and high - speed tunnels based on British experience.

1701 Rabinoff, Carter V.
Principles of television servicing. N.Y., McGraw-Hill, 1953. $5.75.

A study and reference guide for servicemen.

1702 The Radio Amateur's Handbook. West Hartford, Conn. American Radio Relay League, 1953. $3.00.

The thirtieth edition of the standard manual of amateur radio communication.

1703 Reynolds, Quentin
The Amazing Mr. Doolittle, A Biography of Lt. General James H. Doolittle. N.Y., Appleton-Century-Crofts, 1953. $3.95.

The story of a twentieth century hero.

1704 Television and radar encyclopedia; edited by W. MacLanachan. N.Y., Pitman, 1953. $6.00.

A reference book of terms in common use in Great Britain and the United States.

1705 Turner, Rufus P.
Basic electronic test instruments, their operation and use. N.Y., Rinehart, 1953. $4.00.

An elementary practical manual.

1706 Twitchell, K. S.
Saudi Arabia, with an account of development of its natural resources. Princeton, N.J., Princeton University Press, 1953. $5.00.

An important book for students of modern imperialism and world affairs.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE LIBRARIES
BOOK LIST NO. 3M - OCTOBER 1952

1. The following list of technical publications is issued in accordance with Air Force Regulation 212-1 and is intended to serve as a guide in the selection of technical books by Air Force Librarians. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 3 through 3L.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the library at each installation. It is suggested that the lists be called to the attention of personnel interested in various types of technical material for their selections and recommendations.

3. Requisitions for commercial technical books and periodicals for Air Force Libraries will be submitted in the following manner and to be valid each requisition must be signed by an accountable Library Officer, or agent, and contain the library stock record account number:

a. Books

(1) Requisitions for books on the list of Technical Publications for Air Force Libraries should be submitted on AF Form 104B directly to the Contractor, under Open-Call Contract No. AF (33-600) 8740.

(2) Requisitions for books not on the list of Technical Publications for Air Force Libraries will be submitted to Director of Military Personnel, Headquarters USAF, ATTN: AFPMP-12-A, on AF Form 104B, together with two (2) copies of AF Form 104C, for approval prior to submission to the Contractor.

(3) Requisitions for books on the Federal Supply Schedule, which come within the category of technical publications, will be submitted to Director of Military Personnel, Headquarters USAF, ATTN: AFPMP-12-A, on AF Form 104B, together with two (2) copies of AF Form 104C, for approval prior to submission to Wilkins Air Force Depot for supply action.

(4) Requisitions will contain: Author, title, publisher and price and the address of obscure publishers will be included.

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b. Periodicals

(1) Requisitions for approval periodicals, either on the list of Technical Publications or previously approved by Headquarters USAF will be forwarded directly to the Contractor. This will include previously approved periodicals listed in the Federal Supply Schedule, Periodicals and Law Books, Class 35, Part II, Items 35-G-1175-650 to 35-G-1175-1523, inclusive, under the exception to mandatory use.

(2) Requisitions for periodicals not previously approved will be submitted to Director of Military Personnel, Headquarters USAF, ATTN: AFPMP-12-A.

c. Follow up Action

Any follow-up action which may be required as to the status of an item requested from the Contractor, will be made by the requisitioning agency directly on the Contractor.

d. Government Publications

(1) Requisitions for government publications, for which payment is required, including government periodicals, will be forwarded directly to the United States Government Printing Office, Washington 25, D.C., in accordance with Open Contract No. (33-600) 52-4293, on AF Form 104B, together with two (2) copies of AF Form 104C. No approval by Headquarters USAF is required. Government publications not sold by the Government Printing Office will be obtained by direct negotiations with the issuing agency. No Receiving Reports are required for government publications requisitioned in accordance with information contained herein.

e. Miscellaneous Publications

Those listed in AFR 5-2 will be requisitioned through the local Air Adjutant General, Publications Section.

f. Legal Publications

(1) Requisitions will be submitted on AF Form 104B, together with two (2) copies of AF Form 104C, through the Base Library to the major air commands, ATTN: Staff Judge Advocate and Command Librarians for review, approval and submission to Director of Military Personnel, Headquarters USAF, ATTN: AFPMP-12-A for approval. Each requisition for legal publications must be signed by an accountable Library Officer, or agent, for the authorized library account.

(2) Requisitions for legal publications on the Federal Supply Schedule must include the following information: Contract Number, description, price and unit.

(3) Requisitions for legal publications which are not on the Federal Supply Schedule should be accomplished on separate requisitions and should include bibliographical information, such as publisher, price, and date of publication, when such information is available.

(4) Requisitions which are approved by Headquarters USAF, will be forwarded to Commanding Officer, Wilkins Air Force Depot, Shelby, Ohio, ATTN: MHSCE-23 for central procurement since the open-call contract negotiated with W. E. Falk, Cincinnati, Ohio for procurement and supply of commercial technical books and periodicals does not apply to legal books. A copy of the Purchase Order of each legal book requested by the requisitioning agency will be furnished the requisitioning agency. Instructions relative to the submission of Receiving Reports and the designated Finance Office will be contained in the Purchase Order.

4. All requisitions initiated by other than an accountable Library Officer, or agent, such as those for textbooks used in civilian and military training programs, must be sent to Commanding Officer, Wilkins Air Force Depot, Shelby, Ohio, ATTN: MHSCE-23. Such requisitions must be signed by an authorized Supply Officer and authorization must be included on the requisitions, such as T/A's and/or ECL's, or pertinent Air Force regulations, such as AFR 75-22. Requisitions which do not cite the authority for items requisitioned will not be honored.

a. Separate requisitions will be submitted for (1) items on the Federal Supply Schedule, (2) government publications and (3) books not included on the Federal Supply Schedule or which are not government publications.

5. The following provisions of this contract are furnished for information and guidance:

a. The Contractor will conduct all negotiations to effect delivery of the items called for within a specified time limit of fifteen days, except foreign publications which shall be sixty days. If delivery cannot be made within this time limit, the Contractor will notify the requisitioning agency of the reason for delay and the approximate date delivery can be made.

b. The Contractor will annotate each requisition to indicate the action taken on each item requested and transmit copies of the annotated requisitions to the requisitioning agencies.

c. The Contractor will secure any additional information that may be required to effect supply action directly from the requisitioning activity.

d. Any follow-up action which may be required as to the status of an item requested will be made by the requisitioning agency directly to the Contractor.

e. Receiving Reports will be prepared and submitted in accordance with paragraph 26, Section 2, Part I, AF Manual 67-1. The Contract Number AF (33-600) 8740 will be inserted as the "Prime Contract Number" in the preparation of the DD 250 Form (Receiving Report) for material furnished by this contract. The Finance Officer, Wilkins Air Force Depot, Shelby, Ohio is the designated disbursement office subject to this contract.

6. The open-call contract referred to herein does not apply to medical books and periodicals which are purchased in accordance with Part 4, Section 2, AF Manual 67-1.

BASIC LIST OF TECHNICAL PERIODICALS FOR USAF LIBRARIES

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air Trails
American Aviation
American Aviation Directory
American Photography
American Rifleman
Army-Navy-Air Force Journal
Army-Navy-Air Force Register
Audio Engineering
Automotive Industries
Aviation Age
Aviation Week
Booklist
Bulletin of the American Meteorological Society
Camera
CAA Journal
Combat Forces Journal
Electronics
Flight and Aircraft Engineer
Flying
Instruments
Journal of the Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Materials and Methods
Mechanical Engineering
Military Affairs
Military Engineer
Military Review
Modern Photography
National Aeronautics and Flight Plan
Ordnance
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio and Television News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Skyways
Technical Book Review Index
Television Engineering
U.S. Air Services
U.S. Official Postal Guide
Western Flying

BOOKS

1634 Albert, Arthur L.
Electrical Fundamentals of Communication, 2d ed. N.Y., McGraw-Hill, 1952. $7.00.

A popular book on electrical fundamentals.

1635 Austin, John B.
Electrical Arc Welding. Chicago, American Technical Society, 1952. $3.90.

Technical and practical information.

1636 Benelux in 1952; Belgium/The Netherlands/Luxemburg (Fodor's Modern Guides Series) Edited by Eugene Fodor. N.Y., McKay, 1952. $3.75.

A comprehensive guidebook.

1637 Caverly, Don
Primer of Electronics and Radiant Energy. N.Y., McGraw-Hill, 1952. $5.50.

A popular account of the principles of electronics.

1638 Chambers, Whittaker
Witness. N.Y., Random House, 1952. $5.00.

The complete story of Whittaker Chambers.

1639 Clauser, H. R.
Practical Radiography for Industry. N.Y., Reinhold, 1952. $7.50.

Practical information and data on testing.

1640 Cox, Jr., Dale W.
U.S. Fighting Planes 1952. N.Y., Arco Publishing Co., 1952. $2.00.

Sixty-four pages of pictures and basic information about 1952 U.S. Fighting Planes.

1641 Crouse, William H.
Everyday Automobile Repairs, rev. ed. N.Y., McGraw-Hill, 1952. $4.00.

An easy-to-understand guide.

1642 Eshbach, Ovid W., editor
Handbook of Engineering Fundamentals, 2d ed. N.Y., 1952. $10.00.

A second edition of a standard reference book.

1643 Fischer, George
Soviet Opposition to Stalin; A Case Study in World War II. Cambridge, Mass., Harvard University Press, 1952. $4.00.

The story of inside opposition to Stalin.

1644 Frazee, Irving, and Bedell, Earl L., editors
Automotive Maintenance and Trouble Shooting. Chicago, American Technical Society, 1952. $4.75.

A learner's guide by top experts.

1645 Gurian, Waldemar
Bolshevism: An Introduction to Soviet Communism. Notre Dame, University of Notre Dame Press, 1952. $3.25.

An essential guide to the study of the implications of communism.

1646 Henney, Keith, and Fahenstock, James D.
Electron Tubes in Industry, 3d ed. N.Y., McGraw-Hill, 1952. $6.50.

Basic fundamentals for engineers and technicians.

1647 Hunsaker, Jerome C.
Aeronautics at the Mid-Century. New Haven, Yale University Press, 1952. $3.00.

The past, present and future of aviation.

1648 Kaufmann, R. H., and Finison, H. J.
D-C Power Systems for Aircraft. N.Y., Wiley, 1952. $5.00.

The workings of individual electrical devices.

1649 Kindall, Sylvian G.
Total Atomic Defense. N.Y., Smith, Richard, 1952. $3.00.

Discussion of the problem and its solution.

1650 King, Ernest J., and Whitehill, Walter Muir
Fleet Admiral King; A Naval Record. N.Y., Norton, 1952. $6.75.

Admiral King's Story.

1651 Kukuski, John
Theory and Technique of Soaring. N.Y., Pitmah, 1952. $5.00.

A guide and reference for soaring pilots.

1652 Lenczowski, George
The Middle East in World Affairs. Ithaca, N.Y., Cornell University Press, 1952. $6.00.

Geography, politics and strategic importance of the Middle East.

1653 Maier, Norman R. F.
Principles of Human Relations. N.Y., Wiley, 1952. $6.00.

Fundamentals of personnel management.

1654 Mandl, Matthew
Mandl's Television Servicing. N.Y., Macmillan, 1952. $5.50.

Written for the radio service men entering the television field.

1655 Middleton, Drew
The Defense of Western Europe. N.Y., Appleton-Century-Crofts, 1952. $3.50.

An evaluation of the progress of NATO.

1656 Mixter, George W.
Primer of Navigation; With Problems in Practical Work and Complete Tables; rev. for 3d ed. by Ramon O. Williams. N.Y., Van Nostrand, 1952. $7.50.

Basically surface navigation but applicable to aviators.

1657 Moorehead, Alan
The Traitors. N.Y., Scribner's, 1952. $3.50.

Story of the atomic energy spy ring.

1658 Nelson, J. Raleigh
Writing the Technical Report, 3d ed. N.Y., McGraw-Hill, 1952. $4.50.

Treatise on basic principles and procedures.

1659 Noel, John V., Jr.
Naval Terms Dictionary. N.Y., Van Nostrand, 1952. $4.50.

Intended as a complete and authoritative naval dictionary.

1660 Norman, Albert
Operation Overload. Harrisburg, Military Service Publishing Co., 1952. $3.75.

A readable volume on the largest overseas military operation ever undertaken.

1661 Reintjes, J. F., and Coate, Godfrey T.
Principles of Radar, 3d ed. N.Y., McGraw-Hill, 1952. $7.75.

Basic concepts and techniques of radar.

1662 Schwartz, Solomon M.
Labor in the Soviet Union. N.Y., Praeger, 1952. $6.00.

A definitive work on Soviet labor policy.

1663 Sharp, H. Oakley
Practical Photography. N.Y., Macmillan, 1951. $3.75.

Fundamentals and practical applications.

1664 Sherrod, Robert
History of Marine Corps Aviation in World War II. Washington, Combat Forces Press, 1952. $6.50.

Story of Marine aviators from beginning through World War II.

1665 Squadron Administration. Harrisburg, Pa., Military Service Publishing Co., 1952. $3.00.

A comprehensive treatise on Air Force squadron daily activities.

1666 Swearingen, Rodger, and Langer, Paul
Red Flag in Japan. Cambridge, Mass., Harvard University Press, 1952. $5.00.

Story of the communist movement in Japan.

1667 Thompson, J. E.
The Standard Manual of the Slide Rule. N.Y., Van Nostrand, 1952. $2.75.

A popular handbook for beginners and experienced users.

1668 Vandenberg, Arthur Hendrick
Private Papers: Edited by Arthur H. Vandenberg, Jr. with the Collaboration of Joe Alex Morris. N.Y., Houghton-Mifflin, 1952. $5.00.

A frank and informal record of Vandenberg's career.

1669 Van Royen, William, and Bowles, Oliver
The Mineral Resources of the World. N.Y., Prentice-Hall, 1952. $10.75.

A conspectus of the world situation with respect to mineral output and reserves.

1670 Van Valkenburg, Samuel, and Held, Colbert C.
Europe, 2d ed. N.Y., Wiley, 1952. $7.50.

Physical, economic and human geography of Europe.

1671 Whyte, William H., Jr., and the editors of Fortune
Is Anybody Listening? How and Why U.S. Business Fumbles When It Talks with Human Beings. N.Y., Simon and Schuster, 1952. $3.00.

The problems of communicating ideas.

1672 Wilkinson, Paul H.
Aircraft Engines of the World 1952. N.Y., Paul H. Wilkinson, 1952. $12.00.

An annual reference work presenting data in standardized form on jet and reciprocating engines.

1673 Yoder, Dale
Personnel Principles and Policies; Modern Manpower Management. N.Y., Prentice-Hall, 1952. $7.95.

Principles and policies of manpower management.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE LIBRARIES
BOOK LIST NO. 3L - MARCH 1952

1. The following list of technical publications is issued in accordance with Air Force Regulation 212-1 and is intended to serve as a guide in the selection of technical books by Air Force Librarians. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 3 through 3K.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the library at each installation. It is suggested that the lists be called to the attention of personnel interested in various types of technical material for their selections and recommendations.

3. REQUISITIONS:

a. Valid requisitions are those signed by the library accountable officer or agent.

b. Books

(1) Requisitions for books on the list of Technical Publications for Air Force Libraries should be submitted on AF Form 104B directly to the Contractor, W. E. Falk - Books, 911 Main Street, Cincinnati 2, Ohio, under Open-Call Contract AF (33-600) 8740.

(2) Requisitions for books not on the list of Technical Publications for Air Force Libraries will be submitted to Headquarters USAF, Attention: AFPMP-12A, on Form 104B together with two (2) copies of Form 104C for approval prior to submission to the Contractor.

(3) Requisitions for books on the Federal Supply Schedule, which come within the category of technical publications, will be submitted to this Headquarters for approval prior to submission to Headquarters Air Materiel Command for procurement.

c. Periodicals

(1) Requisitions for approved periodicals, either on the list of Technical Publications or previously approved by Headquarters USAF will be forwarded directly to the Contractor. This will include approved periodicals listed in the Federal Supply Schedule, Periodicals and Law Books, Class 35, Part II, Items 35-G-1175-628 to 35-G-1175-1547 under the exception to mandatory use.

THE LIBRARY OF THE
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(2) Requisitions for periodicals not previously approved will be forwarded to Headquarters USAF, Attention: AFPMP-12A.

d. All government publications requiring procurement, including government periodicals, will be forwarded directly to the United States Government Printing Office, Washington 25, D.C. in accordance with Open Contract (33-600) 52-4293 on AF Form 104B together with two (2) copies of AF Form 104C. No approval by Headquarters USAF is required. Government publications not sold by the Government Printing Office will be obtained by direct negotiation with the issuing agency.

e. Miscellaneous publications as listed in AFR 5-2, will be requisitioned from local Air Adjutant General, Publications Section.

f. Any follow-up action which may be required as to the status of an item requested from the Contractor, will be made by the requisitioning agency directly on the Contractor.

g. Requisitions for items which have been returned to the requisitioning agency by the Contractor due to the fact that he cannot procure them should be forwarded direct to Library Section, Headquarters USAF, Attention: AFPMP-12A. A note should be typed on the requisition stating that the Contractor was not able to procure these items.

h. Receiving Reports will be prepared and submitted in accordance with paragraph 26, AF Manual 67-1. The Contract Number, AF (33-600) 8740, will be inserted as the "Prime Contract Number" on DD Form 250 for material furnished under this contract. The Finance Officer, Wright-Patterson Air Force Base, Dayton, Ohio, is the designated disbursement office for this contract.

4. Requisitions for legal publications will be submitted on AF Form 104B, together with two (2) copies of AF Form 104C, through the base library to major air commands for review and recommendation and forwarding to Headquarters USAF (Attention: AFPMP-12A) for approval.

a. Valid requisitions are those signed by the accountable agent for an authorized library account.

b. If the items requested are on the Federal Supply Schedule information as to contract number, description, price and unit should be included.

c. Requisitions for items which are not on the Schedule should be accomplished on separate forms and should include bibliographical information, such as publisher, price and date, when such information is available.

d. Requisitions approved by Headquarters USAF are forwarded to Air Materiel Command for central procurement since the open-call contract negotiated with W. E. Falk, Cincinnati 2, Ohio, for procurement and supply of commercial technical books and periodicals does not apply to legal books.

e. When books are received by requesting activity and after accomplishment of receiving reports, they are added to the library account and then issued on memorandum receipt to the appropriate legal office.

BASIC LIST OF TECHNICAL PERIODICALS FOR USAF LIBRARIES

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air Trails
American Aviation
American Aviation Directory
American Photography
American Rifleman
Army-Navy-Air Force Journal
Army-Navy-Air Force Register
Audio Engineering
Automotive Industries
Aviation Age
Aviation Week
Booklist
Bulletin of the American Meteorological Society
Camera
CAA Journal
Combat Forces Journal
Electronics
Flight and Aircraft Engineer
Flying
Instruments
Journal of the Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Materials and Methods
Mechanical Engineering
Military Affairs
Military Engineer
Military Review
Modern Photography
National Aeronautics and Flight Plan
Ordnance
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio and Television News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Skyways
Technical Book Review Index
Television Engineering
U.S. Air Services
U.S. Official Postal Guide
Western Flying

BOOKS

1581 Aircraft Year Book, 1951. Washington, The Lincoln Press, 1952. $6.00.

The 33rd edition of a standard reference book.

1582 Alexander, Robert J.
The Peron Era. N.Y., Columbia University Press, 1951. $3.50.

The most important aspects of the development of Peronismo.

1583 American Radio Relay League. Radio Amateur's Handbook, 29th ed. West Hartford, Conn. American Radio Relay League, 1952. $3.00.

Standard manual of amateur radio communications.

1584 Athanson, William T.
Automobile Body Repair and Paint Guide. N.Y., Van Nostrand, 1952. $2.00.

Practical instructions for body repair and paint work.

1585 Bakst, Aaron
Mathematics; Its Magic and Mastery. N.Y., Van Nostrand, 1952. $6.00.

A book designed to make mathematics interesting.

1586 Barghoorn, Frederick, C.
Soviet Image of the United States, The. N.Y., Harcourt Brace, 1950. $4.00.

A study of Soviet propaganda against the United States.

1587 Brassey's Annual - The Armed Forces Year-Book 1951.
Thursfield, H.G., editor. N.Y., Macmillan, 1951. $7.00.

Expanded to include Army, Navy and Air Force affairs.

1588 Carlson, Fred A.
Geography of Latin America. N.Y., Prentice-Hall, 1952. $6.75.

A comprehensive text.

1589 Charlesworth, James C.
Governmental Administration. N.Y., Harper, 1951. $6.00.

A text on how to administer.

1590 Chester, Arthur M.
Technique for Adjutants. Washington, Combat Forces Press, 1951. $2.50.

How to make paper work easier.

1591 Churchill, Winston S.
Closing the Ring; The Second World War, Vol. 5. N.Y., Houghton-Mifflin 1951. $6.00.

The fifth volume of Churchill's history of World War II.

1592 Cooke, David C., and Caidin, Martin
Jets, Rockets and Guided Missiles. N.Y., McBride, 1951. $2.95.

Non-technical though technically accurate.

1593 Cooke, David C.
Young America's Aviation Manual. N.Y., McBride, 1951. $2.95.

A very popular account.

1594 Corrington, Murlan S.
Applied Mathematics for Technical Students, rev. ed. N.Y., Harper, 1952. $4.00.

Theory and application suitable for home study.

1595 Davis, Ralph Currier
Fundamentals of Top Management. N.Y., Harper, 1951. $6.00.

Principles of high level management.

1596 Dennett, Raymond and Johnson, Joseph E., editors
Negotiating with the Russians. Boston, World Peace Foundation, 1951. $3.50.

A record of negotiations with the Russians.

1597 Drew, Charles E.
How to Pass Radio License Examinations, 3d ed. N.Y., Wiley, 1952. $4.50.

A review of the requirements for FCC examinations.

1598 Dubin, Robert
Human Relations in Administration; The Sociology of Organization. N.Y., Prentice-Hall, 1951. $7.35.

Considers the problem of the human element in the operation of large enterprises.

1599 Edmonds, Walter D.
They Fought With What They Had. Boston, Little Brown, 1951. $5.00.

The story of the Army Air Forces in the Southwest Pacific, 1941-1942.

1600 Fehling, Helmut M. translated by Charles R. Joy
One Great Prison; The Story Behind Russia's Unreleased POW's. Boston. Beacon Press, 1951. $2.75.

A personal account of six years as a Russian prisoner.

1601 Fodor's Modern Guides
Britain in 1952 $3.00
France in 1952 $3.00
Italy in 1952 $3.00
Scandinavia in 1952 $3.75
Spain and Portugal in 1952 $3.75
Switzerland in 1952 $3.00 - Fodor, Eugene, editor. N.Y. McKay,19

A topical arrangement - written by specialists.

1602 Frazee, Irving and Bedell, Earl L.
Automotive Suspensions, Steering, and Wheel Alignment. Chicago, American Technical Society, 1951.

Theory and practice in this important field.

1603 Gentle, Ernest J., and Chapel, Charles E.
Baughman's Aviation Dictionary and Reference Guide, 3d ed. Los Angeles, Aero Publishers, Inc., 1951. $7.50.

Brings definitions of aviation termihology up-to-date.

1604 Gessow, Alfred and Myers, Garry C., Jr.
Aerodynamics of the Helicopter. N.Y., Macmillan, 1952. $6.00.

Basic factors affecting the aerodynamic behavior of rotating-wing aircraft.

1605 Ghirardi, Alfred A. and Johnson, J. Richard
Radio and Television; Receiver Troubleshooting and Repair. N.Y., Rinehart, 1952. $6.75.

Basic knowledge to become an efficient radio and television service technician.

1606 Goodrich, L. Carrington
A Short History of the Chinese People. N.Y., Harper, 1951. $3.50.

Covers the complete span of Chinese history.

1607 Graham, Kennard C.
Small Commutator Motors. Chicago, American Technical Society, 1952.

Covers repair and maintenance on a practical basis.

1608 Henney, Keith and Richardson, Glen A.
Principles of Radio, 6th ed. N.Y., Wiley, 1952. $5.50.

Fundamentals of basic radio circuits.

1609 Hinsley, F.H.
Hitler's Strategy. N.Y., Cambridge University Press, 1951. $3.75.

An account based on documentary evidence.

1610 Holmes, David C.
Young People's Book of Radar. N.Y., McBride, 1951. $2.95.

The science of radar simply explained.

1611 Illingworth, Frank
North of the Circle. N.Y., Philosophical Library, 1952. $4.75.

Information about the arctic.

1612 Kaltenborn, H.S.
Meaningful Mathematics. N.Y., Prentice-Hall, 1951. $6.35.

A text for the mathematical part of a liberal education.

1613 Kaufman, R.H., and Finison, H.J.
D.C. Power Systems for Aircraft. N.Y., Wiley, 1952. $5.00.

A study of the complex power systems of aircraft on the engineering and and technician level.

1614 Kieffer, John E.
Realities of World Power. N.Y., McKay, 1952. $4.00.

Geopolitics as it applies to the United States.

1615 McDougal, Wynne L. and Graham, Kennard C.
Small Non-Commutator Motors. Chicago, American Technical Society, 1951.

Covers practical repair and maintenance practices.

1616 Mazour, Anatole G.
Russia Past and Present. N.Y., Van Nostrand, 1951. $6.75.

A topical history of Russia.

1617 Millis, Walter, editor
James V. Forrestal Diaries. N.Y., Viking Press, 1951. $5.00.

A day-to-day account of events that have shaped our future.

1618 Mowrer, Lillian T. and Cummings, Howard H.
The United States and World Relations. N.Y., McGraw, 1952. $3.48.

A consideration of the United States in the air age.

1619 Muntz, T.G.A.
Turkey. N.Y., Philosophical Library, 1950.

Covers the period 1947-50.

1620 Nagel's Guide - Books
Belgium and Luxemburg $4.50
Rome $3.95
Paris $4.50
Italy $5.00
France $6.00
N.Y., Nagel, 1950.

A series adapted from the Guides Bleus series.

1621 Neblette, C.B.
Photography; Its Materials and Processes, 5th ed. N.Y., Van Nostrand, 1952. $10.00.

A comprehensive practical handbook.

1622 Newman, William H.
Administrative Action; The Techniques of Organization and Management. N.Y., Prentice-Hall, 1951. $6.35.

Provides basis for improving the effectiveness of executives.

1623 Nicholson, Joseph L.
Air Transportation Management; Its Practices and Policies. N.Y., Wiley, 1951. $6.50.

A balanced economic analysis of the industry.

1624 Pickard, Edward E.
The Military Instructor. Harrisburg, Pa., Military Service Pub. Co., 1951. $2.75.

A guide to effective methods of teaching.

1625 Powell, Norman John
Anatomy of Public Opinion. N.Y., Prentice-Hall, 1951. $7.35.

Cause-and-effect relationships governing public opinion.

1626 Rigg, Robert B.
Red China's Fighting Hordes. Harrisburg, Pa., Military Service Pub. Co., 1951. $3.75.

A first hand realistic description.

1627 Scott, Andrew MacKay
Anatomy of Communism. N.Y., Philosophical Library, 1951. $3.00.

A critical study of Marxist-Leninst thought and Communist practice.

1628 Sheingold, Abraham
Fundamentals of Radio Communications. N.Y., Van Nostrand, 1951. $5.25.

A presentation on the intermediate level involving some mathematics.

1629 Soderman, Harry and O'Connell, John J.
Modern Criminal Investigation, 4th ed. N.Y., Funk and Wagnalls, 1952. $4.75.

A guide for law-enforcement officers.

1630 Sonnenberg, G.L.
Radar and Electronic Navigation. N.Y., Van Nostrand, 1951. $4.50.

Covers basic principles, operation and interpretation.

1631 South American Handbook, 1951. N.Y., H.W. Wilson Co., 1951. $1.50.

Covers South and Central America, Mexico and Cuba.

1632 Williams, T. Harry
Lincoln and His Generals. N.Y., Knopf, 1952. $4.00.

The story of the top direction of the Civil War by the President.

1633 Young, T. Cuyler, editor
Near Eastern Culture and Society. Princeton, Princeton University Press, 1951. $4.00.

A broad survey of Arabic-Islamic culture and society in the near East.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE LIBRARIES
BOOK LIST NO. 3K - OCTOBER 1951

1. The following list of technical publications is issued in accordance with Air Force Regulation 212-1 and is intended to serve as a guide in the selection of technical books by Air Force Librarians. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 3 through 3J.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the library at each installation. It is suggested that the lists be called to the attention of personnel interested in various types of technical material for their selections and recommendations.

3. Requisitions:

a. Valid requisitions are those signed by the library accountable officer or agent.

b. Requisitions for books and periodicals on the list of Technical Publications for Air Force Technical Libraries should be submitted on AF Form 104B, directly to Contractor, W. E. Falk - Books, 911 Main Street, Cincinnati 2, Ohio, under Open-Call Contract AF 33(038)16650, if these books and periodicals are not included in the Federal Supply Schedule or are not government publications.

c. Requisitions for books and periodicals which do not appear on the book lists should be submitted on AF Form 104B, together with two (2) copies of AF Form 104C, to Library Section, Personnel Services Division, Headquarters USAF, Attention: AFPMP-12A, for review and approval. Approved requisitions will be forwarded by Headquarters USAF to the contractor for appropriate supply action if the items are other than government publications and those on the Federal Supply Schedule.

d. Requisitions for renewals of periodical subscriptions, both for those on the basic list and for those not on the book list but which have been initially approved by Headquarters USAF will be forwarded direct to the contractor, i.e., if these periodicals are not included in the Federal Supply Schedule or are not government publications. It is the responsibility of each library both Zone of Interior and overseas to initiate renewal action to the contractor prior to the expiration of periodical subscriptions. The contractor will enter all periodical subscriptions to run for a calendar year if possible. Requisitions for renewals for periodicals appearing in the Federal Supply Schedule and for government publications will be forwarded direct to Library Section, Headquarters USAF, Attention: AFPMP-12A.

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e. Any follow-up action which may be required as to the status of an item requested from the contractor will be made by the requisitioning agency directly on the contractor.

f. Requisitions for items which have been returned to the requisitioning agency by the contractor due to the fact that he cannot procure them should be forwarded direct to Library Section, Headquarters USAF, Attention: AFPMP-12A. A note should be typed on the requisition stating that the contractor was not able to procure these items.

g. All government publications requiring procurement and items listed on Federal Supply Schedules are not available under the call contract. Separate requisitions for such items should be forwarded to Library Section, this Headquarters for a central procurement action by Headquarters Air Materiel Command.

h. Receiving Reports will be prepared and submitted in accordance with paragraph 26, AF Manual 67-1. The Contract Number, AF 33(038)16650, will be inserted as the "Prime Contract Number" on DD Form 250 for material furnished under this contract. The Finance Officer, Wright-Patterson Air Force Base, Dayton, Ohio, is the designated disbursement office for this contract.

4. Requisitions for legal publications will be submitted on AF Form 104B, together with two (2) copies of AF Form 104C, through the base library to major air commands for review and recommendation and forwarding to Headquarters USAF (Attention: AFPMP-12A) for approval.

a. Valid requisitions are those signed by the accountable agent for an authorized library account.

b. If the items requested are on the Federal Supply Schedule information as to contract number, description, price and unit should be included.

c. Requisitions for items which are not on the Schedule should be accomplished on separate forms and should include bibliographical information, such as publisher, price and date, when such information is available.

d. Requisitions approved by Headquarters USAF are forwarded to Air Materiel Command for central procurement since the open-call contract negotiated with W. E. Falk, Cincinnati 2, Ohio, for procurement and supply of commercial technical books and periodicals does not apply to legal books.

e. When books are received by requesting activity and after accomplishment of receiving reports, they are added to the library account and then issued on memorandum receipt to the appropriate legal office.

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BASIC LIST OF TECHNICAL PERIODICALS FOR USAF LIBRARIES

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air Trails
American Aviation
American Aviation Directory
American Photography
American Rifleman
Army-Navy-Air Force Journal
Army-Navy-Air Force Register
Audio Engineering
Automotive Industries
Aviation Age
Aviation Week
Booklist
Bulletin of the American Meteorological Society
Camera
CAA Journal
Combat Forces Journal
Electronics
Flight and Aircraft Engineer
Flying
Instruments
Journal of the Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Materials and Methods
Mechanical Engineering
Military Affairs
Military Engineer
Military Review
Modern Photography
National Aeronautics and Flight Plan
Ordnance
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio and Television News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Skyways
Technical Book Review Index
Television Engineering
U.S. Air Services
U.S. Official Postal Guide
Western Flying

BOOKS

1562 Aeronautical Engineering Index, 1950. N.Y., Institute of the Aeronautical Sciences, 1951. $5.00.

The fourth annual volume in a series.

1563 American Radio Relay League. Radio Amateur's Handbook, 28th ed. West Hartford, Conn. American Radio Relay League, 1951. $2.50.

Latest advances in radio technique.

1564 Ashkouti, Joseph A.
Aircraft Mechanic's Pocket Manual, 4th ed. N.Y., Pitman, 1951. $2.50.

A revision of a standard text. Spiral binding.

1565 Borton, Hugh (ed.)
Japan. Ithaca, N.Y., Cornell University Press, 1951. $4.00.

A study of Japan by twenty experts written for the Encyclopedia Americana.

1566 Brown, W. D.
Parachutes. N.Y., Pitman, 1951. $8.50.

The first book devoted entirely to the subject.

1567 De Belot, Raymond
The Struggle for The Mediterranean, 1939-1945. (Translated by James A. Field, Jr.) Princeton, N.J., Princeton University Press, 1951. $4.00.

An overall view of this important theater of World War II.

1568 Fenichell, Stephen S., and Andrews, Phillip
United Nations; Blueprint for Peace. Philadelphia, Winston, 1951. $1.50.

A popular explanation of the complexity of UN responsibilities.

1569 Hot Rod Handbook. Greenwich, Conn., Fawcett Books, N.D. 75¢.

A paperbound book telling the entire story.

1570 Keister, William, and others
Design of Switching Circuits, The. N.Y., Van Nostrand, 1951. $6.00.

The art of electrical switching and its techniques.

1571 Kelly, Fred C.
The Wright Brothers. N.Y., Farrar, Straus & Young, 1951. $5.00.

A new and revised edition of a definitive biography.

1572 Kuns, Ray F.
Automatic Transmissions. Milwaukee, Wis., Bruce, 1951. $5.00.

A detailed manual of all types.

1573 Lyon, Thoburn C.
Air Geography; A Global View. N.Y., Van Nostrand, 1951. $2.00.

A concise survey of geography in the light of the air age.

1574 Marcuvitz, N., (ed.)

Waveguide Handbook. (MIT Radiation Laboratory Series, Vol. 10). N.Y., McGraw-Hill, 1951. $7.50.

Reformulation of microwave field problems as microwave network problems.

1575 Schell, Erwin H.
Technique of Administration; Administrative Proficiency in Business, 2d ed. N.Y., McGraw-Hill, 1951. $4.50.

Top-managerial responsibilities for executives.

1576 Steele, Matthew Forney
American Campaigns, Vol. I-Text. Washington, Combat Forces Press, 1951. $6.00.

A reprint of a standard work covering period from colonial wars to Spanish American War.

1577 Vaeth, J. Gordon
200 Miles Up; The Conquest of the Upper Air. N.Y., Ronald Press, 1951. $4.50.

A discussion of the biggest flights yet achieved by man-made objects.

1578 Vale, John W., Jr.
Modern Auto Body and Fender Repair. N.Y., Prentice-Hall, 1951. $5.00.

A practical text including ideas and work problems developed through practice.

1579 Watson, H. M., and others
Understanding Radio, 2nd ed. N.Y., McGraw-Hill, 1951. $5.50.

A practical book for readers without previous training.

1580 Wilkinson, Paul H.
Aircraft Engines of the World, 1951. N.Y., Paul H. Wilkinson, 1951. $12.00.

The ninth edition of an international reference book on jet and reciprocating aircraft engines.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE
TECHNICAL LIBRARIES
BOOK LIST NO. 3J - AUGUST 1951

1. The following list of technical publications is issued in accordance with Air Force Regulation 212-1 and is intended to serve as a guide in the selection of technical books by Air Force Librarians. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 3 through 3I.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the library at each installation. It is suggested that the lists be called to the attention of personnel interested in various types of technical material for their selections and recommendations.

3. Requisitions:

a. Valid requisitions are those signed by the library accountable officer or agent.

b. Requisitions for books and periodicals on the list of Technical Publications for Air Force Technical Libraries should be submitted on AF Form 104B, directly to Contractor, W. E. Falk - Books, 911 Main Street, Cincinnati 2, Ohio, under Open-Call Contract AF 33(038)16650 for Fiscal Year 1952, if these books and periodicals are not included in the Federal Supply Schedule or are not government publications.

c. Requisitions for books and periodicals which do not appear on the book lists should be submitted on AF Form 104B, together with two (2) copies of AF Form 104C, to Library Section, Personnel Services Division, Headquarters USAF, Attention: AFPMP-12A, for review and approval. Approved requisitions will be forwarded by Headquarters USAF to the contractor for appropriate supply action if the items are other than government publications and those on the Federal Supply Schedule.

d. Requisitions for renewals of periodical subscriptions, both for those on the basic list and for those not on the book list but which have been initially approved by Headquarters USAF will be forwarded direct to the contractor, i.e., if these periodicals are not included in the Federal Supply Schedule or are not government publications. It is the responsibility of each library both Zone of Interior and overseas to initiate renewal action to the contractor prior to the expiration of periodical subscriptions. The contractor will enter all periodical subscriptions to run for a calendar year if possible. Requisitions for renewals for periodicals appearing in the Federal Supply Schedule and for government publications will be forwarded direct to Library Section, Headquarters USAF, Attention: AFPMP-12A.

e. Any follow-up action which may be required as to the status of an item requested from the contractor will be made by the requisitioning agency directly on the contractor.

f. Requisitions for items which have been returned to the requisitioning agency by the contractor due to the fadt that he cannot procure them should be forwarded direct to Library Section, Headquarters USAF, Attention: AFPMP-12A. A note should be typed on the requisition stating that the contractor was not able to procure these items.

g. All government publications requiring procurement and items listed on Federal Supply Schedules are not available under the call contract. Separate requisitions for such items should be forwarded to Library Section, this Headquarters for a central procurement action by Headquarters Air Materiel Command.

h. Receiving Reports will be prepared and submitted in accordance with paragraph 26, AF Manual 67-1. The Contract Number, AF 33(038)16650, will be inserted as the "Prime Contract Number" on DD Form 250 for material furnished under this contract. The Finance Officer, Wright-Patterson Air Force Base, Dayton, Ohio, is the designated disbursement office for this contract.

4. Requisitions for legal publications will be submitted on AF Form 104B, together with two (2) copies of AF Form 104C, through the base library to major air commands for review and recommendation and forwarding to Headquarters USAF (Attention: AFPMP-12A) for approval.

a. Valid requisitions are those signed by the accountable agent for an authorized library account.

b. If the items requested are on the Federal Supply Schedule information as to contract number, description, price and unit should be included.

c. Requisitions for items which are not on the Schedule should be accomplished on separate forms and should include bibliographical information, such as publisher, price and date, when such information is available.

d. Requisitions approved by Headquarters USAF are forwarded to Air Materiel Command for central procurement since the open-call contract negotiated with W. E. Falk, Cincinnati 2, Ohio, for procurement and supply of commercial technical books and periodicals does not apply to legal books.

e. When books are received by requesting activity and after accomplishment of receiving reports, they are added to the library account and then issued on memorandum receipt to the appropriate legal office.

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no. 35

BASIC LIST OF TECHNICAL PERIODICALS FOR USAF LIBRARIES

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air Trails
American Aviation
American Aviation Directory
American Photography
American Rifleman
Army-Navy-Air Force Journal
Army-Navy-Air Force Register
Audio Engineering
Automotive Industries
Aviation Age
Aviation Week
Booklist
Bulletin of the American Meteorological Society
Camera
CAA Journal
Combat Forces Journal
Electronics
Flight and Aircraft Engineer
Flying
Instruments
Journal of the Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Materials and Methods
Mechanical Engineering
Military Affairs
Military Engineer
Military Review
Modern Photography
National Aeronautics and Flight Plan
Ordnance
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio and Television News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Skyways
Technical Book Review Index
Television Engineering
U.S. Air Services
U.S. Official Postal Guide
Western Flying

BOOKS

1530 Bell, Eric T.
Mathematics, Queen and Servant of Science. N.Y., McGraw, 1951. $5.00.

Nature and importance of mathematics for the general educated reader.

1531 Bennett, Lowell
Berlin Bastion; The Epic of Post-War Berlin. Frankfurt/Main, Germany, Fred Rudl, publisher, 1951. $2.50.

An account of the Berlin air lift.

1532 Bradley, Omar N.
A Soldier's Story. N.Y., Holt, 1951. $5.00.

The most important and competent story of the war in Europe yet published.

1533 Crede, Charles E.
Vibration and Shock Isolation. N.Y., Wiley, 1951. $6.50.

A reference book on the engineering level covering design and application of resilient mountings.

1534 de Dube, B.P.
Motormaster. N.Y., For-Dom, 1950. $2.50.

A guide to the spotting of car troubles by a unique method.

1535 Grabbe, Paul
Outdoors With The Camera. Cleveland, World Publishing Co., 1951. $2.50.

Practical information on good picture taking.

1536 Grobman, Arnold B.
Our Atomic Heritage. Gainesville, Fla., University of Florida Press, 1951. $2.00.

The effects of radiation on heredity.

1537 Guest, G.H.
Radioisotopes Industrial Applications. N.Y., Pitman, 1951. $3.00.

A simple explanation of the application of isotopes as a research tool.

1538 Hilliard, Charles C.
The Cross the Sword and the Dollar. N.Y., North River Press, 1951. $3.00.

Search for an absolute principle to unify American aims and courses of action.

1539 Jacobs, Morris B.
Chemical Analysis of Foods and Food Products, 2d ed., 1951. $9.00.

A technical book involving standards of identity, purety or value.

1540 Jane's All the Worlds' Aircraft, 1950-1951. N.Y., McGraw, 1950. $20.00.

An authoritative and encyclopedic annual.

1541 Kelly, Fred C., editor
Miracle at Kittyhawk; The Letters of Wilbur and Orville Wright. N.Y., Farrar, Straus & Young, 1951. $6.00.

A first hand account of the invention of the airplane.

1542 McCombs, Kenneth M.
Commercial Photography. Chicago, American Technical Society, 1951. $5.00.

A basic text and a reference book.

1543 Maas, Henry S., editor
Adventure in Mental Health; Psychiatric Social Work with the Armed Forces in World War II. N.Y., Columbia University Press, 1951. $6.00.

An account of the development of military psychiatric social services.

1544 Marbarger, John P., editor
Space Medicine: The Human Factor in Flights Beyond the Earth. Urbana, Ill., University of Illinois Press, 1951. $3.00.

A symposium on the present knowledge and problems.

1545 Meade, E. Grant
American Military Government in Korea. N.Y., King's Crown Press, 1951. $3.75.

Covers the period 1945-46 when civil affairs officers first entered Korea.

1546 Motor's Auto Repair Manual. N.Y., Motor Book Department, 1951. $5.95.

A detailed, comprehensive text covering specific make of cars.

1547 Motorcycle Book, The. Greenwich, Conn., Fawcett Books, ND. 75¢.

A paperbound book covering all types.

1548 Pfiffner, John M.
Supervision of Personnel; Human Relations in the Management of Men. N.Y., Prentice-Hall, 1951. $6.00.

The human problems of administration and management.

1549 Pollitt, C. A. H.
Air Systems for Aircraft. N.Y., Pitman, 1950. $6.00.

Compressed air systems in aircraft.

1550 Radio Amateur's License Manual. West Hartford, Conn., American Radio Relay League, 1951. 50¢.

Standard guide for radio amateurs.

1551 Rosander, A. C.
Elementary Principles of Statistics. N.Y., Van Nostrand, 1951. $6.00.

Introduction to the science of statistics.

1552 Smith, Henry L.
Airways Abroad. Madison, Wisc., The University of Wisconsin Press, 1950. $4.00.

The story of America's merchant air fleet.

1553 Sorensen, Harry A.
Gas Turbines. N.Y., Ronald Press, 1951. $6.50.

Gas turbines in general including those used in jet engines.

1554 Spencer, D. A., editor
Progress in Photography, 1940-1950 (Vol. 1). N.Y., Pitman, 1951. $6.50.

A report on the last ten years' developments covering all fields.

1555 Sprout, Harold and Margaret
Foundations of National Power. N.Y., Van Nostrand, 1951. $6.90.

Readings on world politics and American security.

1556 Staats, J. Riley and Harding, George E.
Elements of World Geography. N.Y., Van Nostrand, 1951. $5.00.

Principles of geography in its human aspects.

1557 Strahler, Arthur N.
Physical Geography. N.Y., Wiley, 1951. $6.00.

A basic, comprehensive treatment.

1558 Walker, Helen M.
Mathematics Essential for Elementary Statistics, rev. ed. N.Y., Holt, 1951. $2.75.

A review of mathematics on a self teaching basis.

1559 Whitney, Cornelius V.
Lone and Level Sands, The Story of an Air Force Colonel. N.Y., Farrar, Straus & Young, 1951. $4.00.

A personal account of the war experiences of an Air Staff officer.

1560 Young, Desmond
Rommel the Desert Fox. N.Y., Harper, 1950. $3.50.

The story of the life and death of a legendary figure.

1561 Zimmerman, Erich W.
World Resources and Industries. N.Y., Harper, 1951. $7.50.

A functional appraisal of the availability of agricultural and industrial materials.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE
TECHNICAL LIBRARIES
BOOK LIST NO. 31 - MAY 1951

1. The following list of technical publications is issued in accordance with Air Force Regulation 212-1 and is intended to serve as a guide in the selection of technical books by Air Force Librarians. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 3 through 3H.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the library at each installation. It is suggested that the lists be called to the attention of personnel interested in various types of aviation material for their recommendations.

3. Requisitions:

a. Valid requisitions are those signed by the library accountable officer or agent.

b. Requisitions for books and periodicals on the list of Technical Publications for Air Force Technical Libraries should be submitted on AF Form 104B, directly to Contractor, W. E. Falk - Books, 911 Main Street, Cincinnati, Ohio.

c. Requisitions for books and periodicals which do not appear on the book lists should be submitted on AF Form 104B, together with two (2) copies of AF Form 104C, to Library Section, Personnel Services Division, Headquarters USAF, Attention: AFPMP-12A, for review and approval. Approved requisitions will be forwarded by Headquarters USAF to W. E. Falk - Books, for appropriate supply action.

d. Requisitions for renewals of periodical subscriptions, both for those on the basic list and for those not on the book list but which have been initially approved by this Headquarters, will be forwarded directly to the Contractor - W. E. Falk - Books. It is the responsibility of each library to initiate renewal action to the contractor, prior to the expiration of periodical subscriptions. The contractor will enter all periodical subscriptions to run for a calendar year if possible.

4. All government publications requiring procurement and items listed on Federal Supply Schedules are not available under the call contract. Requisitions for such items should be forwarded to Library Section, this Headquarters for a central procurement action by Headquarters Air Materiel Command.

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5. Requisitions for legal publications will be submitted on AF Form 104B, together with two (2) copies of AF Form 104C, through the base library to major air commands for review and recommendation and forwarding to Headquarters USAF (Attn: AFPMP-12A) for approval.

a. Valid requisitions are those signed by the accountable agent for an authorized library account.

b. If the items requested are on the Federal Supply Schedule information as to contract number, description, price and unit should be included.

c. Requisitions for items which are not on the Schedule should be accomplished on separate forms and should include bibliographical information, such as publisher, price and date, when such information is available.

d. Requisitions approved by Headquarters USAF are forwarded to Air Materiel Command for central procurement since the open-call contract negotiated with W. E. Falk, Cincinnati, Ohio, for procurement and supply of commercial technical books and periodicals does not apply to legal books.

e. When books are received by requesting activity and after accomplishment of receiving reports, they are accessioned in library account and then issued on memorandum receipt to the appropriate legal office.

BASIC LIST OF TECHNICAL PERIODICALS FOR USAF LIBRARIES IN ZI

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air Trails
American Aviation
American Aviation Directory
American Photography
American Rifleman
Army-Navy-Air Force Journal
Army-Navy-Air Force Register
Audio Engineering
Automotive Industries
Aviation Age
Aviation Week
Booklist
Bulletin of the American Meteorological Society
Camera
CAA Journal
Combat Forces Journal
Electronics
Flight and Aircraft Engineer
Flying
Instruments
Journal of the Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Materials and Methods
Mechanical Engineering
Military Affairs
Military Engineer
Military Review
Modern Photography
National Aeronautics and Flight Plan
Ordnance
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio and Television News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Skyways
Technical Book Review Index
Television Engineering
U.S. Air Services
U.S. Official Postal Guide
Western Flying

1498 Berg, L.S. (Translated from the Russian by Olga A. Titelbaum)
Natural Regions of the U.S.S.R. N.Y., Macmillan, 1950. $10.00.

An expert account of the natural regions and zone of the USSR.

1499 Brown, W. Norman, editor
India, Pakistan, Ceylon. Ithaca, N.Y., Cornell University Press, 1951. $3.00.

A factual account of geography and material resources.

1500 Caroe, Olaf
Wells of Power. N.Y., Macmillan, 1951. $3.00.

A consideration of the oil resources of Southwestern Asia.

1501 Chamberlain, Katherine
An Introduction to the Science of Photography. N.Y., Macmillan, 1951. $6.50.

Principles of photography and the underlying physics.

1502 Chase, Stuart
Roads to Agreement. N.Y., Harper, 1951. $2.75.

How people can learn to get along together.

1503 Durham, Franklin P.
Aircraft Jet Powerplants. N.Y., Prentice-Hall, 1951. $6.65.

A text for junior and senior undergraduate courses.

1504 Elegant, Robert S.
China's Red Masters. N.Y., Twayne Publishers, 1951. $3.50.

Biographical sketches of the leaders of the Chinese communists.

1505 Fodor, Eugene, editor
Italy in 1951; with Maps. N.Y., McKay, 1951. $3.00.

A complete up-to-date guide.

1506 Ghirardi, Alfred A., and Johnson, J. Richard
Radio and Television Receiver and Circuitry and Operation. N.Y., Rinehart, 1951. $6.00.

A practical basic book on modern television and radio systems and receivers.

1507 Hilton, W.F.
High-Speed Aerodynamics. N.Y., Longmans, 1951. $8.50

A comprehensive and up-to-date treatment of the principles of high speed flight.

1508 Holland, Jr. Ray
Physical Nature of Flight. N.Y., Norton, 1951. $4.00.

Flight behavior of airplanes explained for all types of readers.

1509 Jones, Stacy V.
How to Get it from the Government. N.Y., Dutton, 1951. $1.50.

A helpful handbook for citizens.

1510 Jorre, Georges
Soviet Union; The Land and Its People, 2d ed. N.Y., Longmans, 1950. $4.25.

A factual, authoritative account of the geography of the Soviet Union.

1511 Lipsner, Benjamin B., and Hilts, Leonard F.
The Airmail; Jennies to Jets. N.Y., Wilcox & Follett, 1951. $3.00.

The authentic story of the beginning of the United States airmail.

1512 Lockwood, Charles A.
Sink 'Em All; Submarine Warfare in the Pacific. N.Y., Dutton, 1951. $5.00.

A factually accurate and technically correct account.

1513 Marton, L., editor
Advances in Electronics, Vol. III. N.Y., Academic Press, 1951. $8.00.

Up-to-date review of developments in electronics.

1514 Material Handling Institute
Modern Methods of Materials Handling. N.Y., Prentice-Hall, 1951. $5.50.

A practical well illustrated text.

1515 Michelon, Leno C.
Industrial Inspection Methods, rev. ed. N.Y., Harper, 1950. $6.00.

Covers inspection tools, techniques and methods for technical personnel.

1516 Miller, Max
I'm Sure We've Met Before; with a "Now Hear This", by Captain Walter Karig, U.S.N. N.Y., Dutton, 1951. $3.00.

A firsthand report of the U.S. Navy in Korea.

1517 Moore, N.P.W., editor
Practical Engineer Pocket Book, 1951. N.Y., Pitman, 1951. $3.00.

Contains technical dictionaries in German, French and Spanish.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE
TECHNICAL LIBRARIES
BOOK LIST NO. 3H - MARCH 1951

1. The following list of technical publications is issued in accordance with Air Force Regulation 34-5 and is intended to serve as a guide in the selection of technical books by Air Force Librarians. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 3 through 3G.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations.

3. Requisitions:

a. Valid requisitions are those signed by the library accountable officer or agent.

b. Requisitions for books and periodicals on the list of Technical Publications for Air Force Technical Libraries should be submitted on AF Form 104B, directly to Contractor, W. E. Falk - Books, 911 Main Street, Cincinnati 2, Ohio.

c. Requisitions for books and periodicals which do not appear on the book lists should be submitted on AF Form 104B, together with two (2) copies of AF Form 104C, to Library Section, Personnel Services Division, Headquarters USAF, Attention: AFPMP-12A, for review and approval. Approved requisitions will be forwarded by Headquarters USAF to W. E. Falk - Books, for appropriate supply action.

d. Requisitions for renewals of periodical subscriptions, both for those on the basic list and for those not on the book list but which have been initially approved by this Headquarters, will be forwarded directly to the Contractor - W. E. Falk - Books. It is the responsibility of each library to initiate renewal action to the contractor, prior to the expiration of periodical subscriptions. The contractor will enter all periodical subscriptions to run for a calendar year if possible.

4. All government publications requiring procurement and items listed on Federal Supply Schedules are not available under the call contract. Requisitions for such items should be forwarded to Library Section, this Headquarters for a central procurement action by Headquarters Air Materiel Command.

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BASIC LIST OF TECHNICAL PERIODICALS
FOR USAF LIBRARIES IN ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air Trails
American Aviation
American Aviation Directory
American Photography
American Rifleman
Army-Navy-Air Force Journal
Army-Navy-Air Force Register
Audio Engineering
Automotive Industries
Aviation Age
Aviation Week
Booklist
Bulletin of the American Meteorological Society
Camera
CAA Journal
Combat Forces Journal
Electronics
Flight and Aircraft Engineer
Flying
Instruments
Journal of the Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Materials and Methods
Mechanical Engineering
Military Affairs
Military Engineer
Military Review
Modern Photography
National Aeronautics and Flight Plan
Ordnance
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio and Television News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Skyways
Technical Book Review Index
Television Engineering
U.S. Air Services
U.S. Official Postal Guide
Western Flying

BOOKS

1455 Air Officer's Guide, The, 4th ed. Harrisburg, Pa., Military Service, 1950. $3.50.

A ready reference manual.

1456 Aircraft Yearbook, 1950. Washington, D.C., The Lincoln Press, Inc., 1950. $6.00.

A reference book covering the field of aviation.

1457 Airman's Guide, The, 2d ed. Harrisburg, Pa., Military Service, 1950. $2.50.

The second edition of a helpful reference manual.

1458 Altholz, Nathaniel, and Altholz, Gertrude
Modern Typewriting Practice. N.Y., Pitman, 1951. $2.72.

A basic and complete text.

1459 Americana Annual, 1950. N.Y., Americana Corporation, 1950. $10.00.
General Schedule of Supply.

Keeps the Encyclopedia Americana up-to-date. This publication also distributed in clothbound book kits.

1460 Armstrong, Hamilton Fish
Tito and Goliath. N.Y., Macmillan, 1951. $3.50.

Stalin's attempt to purge Tito.

1461 Bithell, J.
German-English and English-German Dictionary, 4th ed. N.Y., Pitman, 1950. $6.00.

A general purpose dictionary.

1462 Brodbeck, Emil F.
Handbook of Basic Motion Picture Techniques. N.Y., McGraw-Hill, 1950. $5.95.

A basic book for the amateur and professional.

1463 Cargnino, Lawrence T., and Karvinen, Clifford H.
Aircraft Propulsion Powerplants, 1st ed. St. Louis, Educational Publishers, 1950.

Modern aircraft powerplants for the student maintenance engineer and the engine mechanic.

1464 Casamassa, Jack V., editor
Jet Aircraft Power Systems. N.Y., McGraw-Hill, 1950. $4.25.

Basic principles for the student, mechanic or layman.

1465 Dallin, David J.
New Soviet Empire, The. New Haven, Conn., Yale University Press, 1951. $3.75.

A discussion of the course Soviet leaders have chosen to follow.

1466 Dommasch, Daniel O., and others
Airplane Aerodynamics. N.Y., Pitman, 1951. $6.50.

A technical treatise relating aeronautical engineering principles to test pilot operations.

1467 Fodor, Eugene, editor
Britain in 1951. N.Y., McKay, 1951. $3.00.

A detailed up-to-date guide.

1468 Fodor, Eugene, editor
France in 1951. N.Y., McKay, 1951. $3.00.

A detailed up-to-date guide.

1469 Freeman, Otis W., editor
Geography of the Pacific. N.Y., Wiley, 1951. $10.00.

An expert text and reference book on the Pacific Islands.

1470 Gray, Dwight E., and Martens, John H.
Radiation Monitoring in Atomic Defense. N.Y., Van Nostrand, 1951. $2.00.

A how-to-do it book on measuring atomic radiation.

1471 Gurrie, Morris
Complete Book of Enlarging, The. Forest Park, Ill., Midland Publishers, 1949. $3.95.

A complete and authoritative text.

1472 Horchow, Reuben
How to Get Ahead in The Armed Forces. N.Y., Doubleday, 1951. $1.00.

Basic information for new recruits.

1473 Isely, Jeter A., and Crowl, Philip A.
U.S. Marines and Amphibious War, The. Princeton, N.J., Princeton University Press, 1951. $7.50.

A study of amphibious doctrine.

1474 Kerr, Donald E.
Propagation of Short Radio Waves (MIT Radiation Laboratory Series, Vol. 13). N.Y., McGraw-Hill, 1951. $10.00.

Summary of knowledge in the microwave-propagation field.

1475 Kirchway, Freda, editor
The Atomic Era. N.Y., McBride, 1950. $2.75.

The views of experts on atomic energy.

1476 Kiver, Milton S.
F-M Simplified, 2d ed. N.Y., Van Nostrand, 1951. $6.50.

A new edition of a standard manual.

1477 Knight, Clayton, and Durham, Robert C.
Hitch Your Wagon: The Story of Bernt Balchen. Drexel Hill, Pa., Bell Publishing Co., 1950. $3.50.

The life story of one of aviation's greats.

1478 Luzadder, Warren J.
Technical Drafting Essentials. N.Y., Prentice-Hall, 1950. $3.65.

A basic text suitable for self teaching.

1479 Mee, John F.
Personnel Handbook. N.Y., Ronald Press, 1951. $10.00.

A comprehensive, authoritative reference guide in the field of personnel relation.

1480 Mirov, M. T.
Geography of Russia. N.Y., Wiley, 1951. $6.50.

A comprehensive account of the physical aspects of the USSR.

1481 Morland, Nigel
An Outline of Scientific Criminology. N.Y., Philosophical Library, 1950. $12.00.

Simplified outline of the science of crime.

1482 Morse, Phillip M., and Kimball, George E.
Methods of Operations Research. N.Y., Technology Press and Wiley, 1951. $4.00.

A scientific method of providing a quantitative basis for decisions with military applications and examples.

1483 Mursell, James L.
Psychological Testing, 2d ed. N.Y., Longmans, Green, 1950. $4.00.

The basic theories of mental measurement.

1484 Needham, Cecil H.L.
Refuelling in Flight. N.Y., Pitman, 1950. $4.00.

The economics fundamental to flight refuelling.

1485 Neville, Leslie E.
Aircraft Designers' Data Book. N.Y., McGraw-Hill, 1950. $10.00

A graphic presentation of reference information covering American and European planes.

1486 Perrie, D.W.
Cloud Physics. N.Y., Wiley, 1951. $4.50.

A well illustrated readable account.

1487 Ross, Russell C.
How to Speak With Ease. N.Y., Van Nostrand, 1950. $2.00.

A manual for speaking in public or private.

1488 Sacks, Jacob
Atom at Work. N.Y., Ronald Press, 1951. $4.00.

A non-technical consideration of the constructive uses of atomic energy.

1489 Shabad, Theodore
Geography of the USSR; A Regional Survey. N.Y., Columbia University Press, 1951. $8.50.

A systematic, up-to-date geography of the Soviet Union.

1490 Shamos, Morris H., and Roth, Sidney G., editors
Industrial and Safety Problems of Nuclear Technology. N.Y., Harper, 1950. $4.00.

Specifically concerned with non-military uses of atomic energy.

1491 Sloane, Eric
Clouds, Air and Wind. N.Y., Devin-Adair, 1941. $4.50.

A lucid introduction to the study of weather.

1492 Smith, Henry L.
Airways Abroad. Madison, Wisc., The University of Wisconsin Press, 1950. $4.00.

The story of America's merchant air fleet.

1493 Stokley, James, editor
Science Marches On. N.Y., Ives Washburn, 1951. $3.75.

A popular report on new and significant findings in all branches of science.

1494 Sweet, Joseph B.
The Price of Survival. Harrisburg, Pa., Military Service, 1950. $2.85.

A survival of the problem of national security.

1495 Thursfield, H.G., editor
Brassey's Annual - The Armed Forces Yearbook 1950. N.Y., Macmillan, 1950. $6.00.

A standard reference book expanded to include all military forces.

1496 Wallbank, T. Walter
India: A Survey of the Heritage and Growth of Indian Nationalism. N.Y., Holt, $1.40.

The basic facts about India.

1497 Beishline, John R.
Military Management for National Defense. N.Y., Prentice-Hall, 1950. $5.00.

The military and industrial techniques for achieving efficiency in the administration of our armed forces.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE
TECHNICAL LIBRARIES
BOOK LIST NO. 3G - DECEMBER 1950

1. The following list of technical publications is issued in accordance with Air Force Regulation 34-5 and is intended to serve as a guide in the selection of technical books by Air Force Librarians. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 3 through 3F.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations.

3. Requisitions for books listed herein should be submitted on AF Form No. 104B, directly to W. E. Falk - Books, 911 Main Street, Cincinnati 2, Ohio, in accordance with letter from Air Materiel Command, dated 16 October 1950, Subject: "Supply of Commercial Technical Books and Periodicals in Fiscal Year 1951."

4. Requisitions for technical periodicals on the basic list should be submitted on AF Form No. 104B directly to W. E. Falk - Books, 911 Main Street, Cincinnati 2, Ohio.

5. Requisitions for books which do not appear on the book lists should be submitted on AF Form No. 104B, together with two copies of AF Form No. 104C, to Library Section, Personnel Services Division, Headquarters USAF, Attention: AFPMP-12A, for authorization prior to submission by requisitioning activity to W. E. Falk - Books, 911 Main Street, Cincinnati 2, Ohio, in accordance with provisions of letter from Air Materiel Command, dated 16 October 1950, Subject: "Supply of Commercial Technical Books and Periodicals in Fiscal Year 1951." All books and periodicals will be deducted from command credits allocated against the open-type call contract.

6. All government publications and items listed in Federal Supply Schedules should be procured locally in accordance with paragraph 1a of letter from Air Materiel Command dated 8 November 1950, Subject: "Supply of Technical Books and Periodicals in Fiscal Year 1951."

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS

BASIC LIST OF TECHNICAL PERIODICALS
FOR USAF LIBRARIES IN ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air Trails
American Aviation
American Aviation Directory
American Photography
American Rifleman
Army-Navy-Air Force Journal
Army-Navy-Air Force Register
Audio Engineering
Automotive Industries
Aviation Age
Aviation Week
Booklist
Bulletin of the American Meteorological Society
Camera
CAA Journal
Combat Forces Journal
Electronics
Flight and Aircraft Engineer
Flying
Instruments
Journal of the Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Materials and Methods
Mechanical Engineering
Military Affairs
Military Engineer
Military Review
Modern Photography
National Aeronautics and Flight Plan
Ordnance
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio and Television News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Skyways
Technical Book Review Index
Television Engineering
U.S. Air Services
U.S. Official Postal Guide
Western Flying

BOOKS

1419 Bailey, Thomas A.
America Faces Russia: Russian-American Relations from Early Times to Our Day. Ithaca, N.Y., Cornell University Press, 1950. $4.00.

An examination of the forces behind diplomatic events.

1420 Bartholomew, John
The Advanced Atlas of Modern Geography. N.Y., McGraw-Hill, 1950. $6.00.

An entirely new and revised atlas.

1421 Brimm, Daniel J., and Boggess, H. Edward
Airdraft Maintenance, 2d ed. N.Y., Pitman, 1950. $5.00.

A revised edition of a standard text.

1422 Chambers, Frank, et al
This Age of Conflict; A Contemporary World History 1914 to the Present, rev. ed. N.Y., Harcourt, 1950. $6.50.

An historic approach to the history of the past 35 years.

1423 Coleman, John M.
The Development of Tactical Services in the Army Air Forces. N.Y., Columbia University Press, 1950. $4.00.

The background on the creation of a "separate" Air Force.

1424 De Seversky, Alexander P.
Air Power: Key to Survival. N.Y., Simon & Schuster, 1950. $3.50.

Presentation of a controversial doctrine.

1425 Drake, Rollen H.
Aircraft Engine Maintenance and Service. N.Y., Macmillan, 1950. $5.00.

An up-to-date treatment of the fundamentals of the subject.

1426 Fayer, Mischa H., et al
Bondar's Simplified Russian Method, 7th ed. N.Y., Pitman, 1949. $5.00.

An up-to-date revision of a standard text.

1427 Feis, Herbert
The Road to Pearl Harbor, the Coming of the War Between the United States and Japan. Princeton, N.J., Princeton University Press, 1950. $5.00.

The historical events leading to Pearl Harbor.

1428 Gellhorn, Walter
Security, Loyalty and Science. Ithaca, N.Y., Cornell University Press, 1950. $3.00.

A consideration of the security problem in the scientific field.

1429 Gerstell, Richard
How to Survive an Atomic Bomb. Washington, D.C., Combat Forces Press, 1950. $1.95.

A simple book for the general public.

1430 Glasstone, Samuel
Sourcebook on Atomic Energy. N.Y., Van Nostrand, 1950. $2.90.

An authoritative volume of atomic facts including highly technical material.

1431 Greenleaf, Allen R.
Photographic Optics. N.Y., Macmillan, 1950. $4.75.

A practical book on the merits of photographic lenses.

1432 Holt, Scott
Practical Television Engineering. N.Y., Murray Hill Books, 1950. $7.50.

Practical information for practicing engineer.

1433 Hertz, David B.
The Theory and Practice of Industrial Research. N.Y., McGraw-Hill, 1950. $5.50.

The applications of the basic concepts and methodologies of scientific research.

1434 Heyel, Carl, ed.
The Foreman's Handbook, rev. 2d ed. N.Y., McGraw-Hill, 1949. $4.50.

A practical guide for foremen.

1435 Huzar, Ellis
The Purse and the Sword: Control of the Army by Congress Through Military Appropriations. Ithaca, N.Y., Cornell University Press, 1950. $4.50.

An analysis of the relationship between Congress and the military.

1436 Kinter, William R.
The Front is Everywhere - Militant Communism in Action. Norman, Okla., The University of Oklahoma Press, 1950. $3.75.

A scientific, penetrating analysis of the world communist organization.

1437 Klein, David
The Army Writer; A Guide to Military Writing, rev. ed. Harrisburg, Pa., Military Service, 1949. $3.00.

A revised edition of a useful book.

1438 Liddell, Hart, B.H.
Defence of the West. N.Y., Morrow, 1950. $4.00.

A consideration of some basic problems in the search for security against agression.

1439 Lutz, R.R.
Graphic Presentation Simplified. N.Y., Funk & Wagnalls, 1949. $4.00.

A practical guide on making, using and analyzing charts, graphs, maps, etc.

1440 Milne, Lorus J.
Machine Shop Methods. N.Y., Prentice-Hall, 1950. $5.00.

Basic principles and methods of shop tools and machines.

1441 Pender, Harold and McIlvain, Knox
Electrical Engineers' Handbook, 4th ed. (Electric Communications and Electronics). N.Y., Wiley, 1950. $8.50.

The latest edition of a standard reference work.

1442 Schurr, Sam H., and Marschak, Jacob
Economic Aspects of Atomic Power. Princeton, N.J., Princeton University Press, 1950. $6.00.

An exploratory study of the peacetime application of atomic power.

1443 Scully, Frank
Behind the Flying Saucers. N.Y., Holt, 1950. $2.75.

An account of the whole weird question.

1444 Silvia, Charles E.
Manual of Life Saving and Water Safety. N.Y., Association Press, 1949. $4.50.

A comprehensive guide.

1445 Smith, G. Geoffrey
Gas Turbines and Jet Propulsion, 5th ed. N.Y., Aircraft Books, Inc., 1951. $7.50.

A revised edition of a standard British text.

1446 Teichmann, Frederick K.
Airplanes Design Manual, 3d ed. N.Y., Pitman, 1950. $7.50.

A basic book on the fundamentals of design.

1447 Trorey, Lyle G.
Handbook of Aerial Mapping and Photogrammetry. N.Y., Cambridge University Press, 1950. $5.00.

Concerned with military applications.

1448 Turnbull, Archibald D., and Lord, Clifford L.
History of United States Naval Aviation. New Haven, Conn., Yale University Press, 1949. $5.00.

The story of the airplane and the Navy.

1449 United States. Scientific Laboratory, Los Alamos, New Mexico.
Effects of Atomic Weapons (prepared for and in cooperation with the U.S. Dept. of Defense and the U.S. Atomic Energy Commission; under the direction of the Los Alamos Scientific Laboratory). J.O. Hirschfelder, Chairman, U.S. Board of Editors. Washington, Combat Forces Press, 1950. $3.00.

Identical with the edition published by the Government Printing Office.

1450 United States in World Affairs, 1949; by Richard P. Stebbins and the Research Staff of the Council on Foreign Relations; (Council on Foreign Relations Publication, Vol. 4). N.Y., Harper, 1950. $5.00.

An authoritative account of American foreign relations in the decisive year that preceded the Korean war.

1451 Varney, Alex
The Psychology of Flight. N.Y., Van Nostrand, 1950. $3.75.

Practical information and advice for all concerned with air transport.

1452 Wendt, Gerald
Atomic Energy and the Hydrogen Bomb. N.Y., McBride, 1950. $2.75.

A presentation for the layman of the latest information on atomic energy.

1453 Wiener, Frederick B.
Uniform Code of Military Justice. Washington, D.C., Combat Forces Press, 1950. $3.50.

An explanation for all military personnel and the professional lawyer of the new code.

1454 Wolfe, Thomas
Air Transportation; Traffic and Management. N.Y., McGraw-Hill, 1950. $8.00.

Practical and factual source material on air transportation.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE
TECHNICAL LIBRARIES
BOOK LIST NO. 3F - JULY 1950

1. The following list of technical publications is issued in accordance with AF Regulation 34-5 and is intended to serve as a guide in the selection of technical books by AF Librarians. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 3, 3A, 3B, 3C, 3D and 3E.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from funds available for technical books and periodicals and do not involve the expenditure of base funds.

3. Requisitions for books listed herein should be submitted on AF Form No. 104B, directly to the World-Wide Publications Distribution Section, Wright-Patterson Air Force Base, Dayton, Ohio. To participate in the initial distribution of items requisitions must reach the World-Wide Publication Distribution Section by August 1st. In order to secure maximum distribution of new titles at the earliest practicable date and to promote efficiency in ordering, Librarians will determine their initial requirements by the date set above. This does not preclude subsequent requisitions in the normal manner when new requirements develop.

4. Requisitions for books which do not appear on the book lists will be considered for purchase if submitted, with justifications for the need, on AF Form 104B, together with two copies of AF Form 104C, to Library Section, Personnel Services Division, Headquarters United States Air Force, Attention: AFPMP-12A.

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS

BOOKS

1372 Advances in Electronics; ed. by L. Marton; Editorial Bd: T. E. Allibone (and others) Vol. 2 N.Y., Academic Press, 1949. $7.60.

The second issue of a yearbook covering physical and engineering electronics.

1373 Aircraft Yearbook for 1949. Washington 4, D.C. Lincoln Press, Inc., 1950. $6.00.

The essential facts about aviation and the aircraft industry.

1374 Almond, Gabriel A.
American People and Foreign Policy, The. N.Y., Harcourt, 1950. $3.75.

A systematic study of the way in which our foreign policy is shaped.

1375 Baldwin, Hanson W.
Great Mistakes of the War. N.Y., Harper, 1950. $1.50.

A second look at the basic political objectives of warfare.

1376 Balzak, S. S., and others, (eds)
Economic Geography of the U.S.S.R.; American ed. ed. by Chauncy D. Harris; tr. from the Russian by Robert M. Hankin and Olga Adler Titelbaum; pref. by John A. Morrison. N.Y., Macmillan, 1949. $10.00.

An exhaustive study of Soviet natural resources and industrial potential.

1377 Berkeley, Edmund C.
Giant Brains, or Machines That Think. N.Y., Wiley, 1949. $4.00.

A basic book on mechanical brains.

1378 Bonney, E. Arthur
Engineering Supersonic Aerodynamics. N.Y., McGraw, 1950. $4.00.

Basic engineering information on the subject of supersonic aerodynamics.

1379 Churchill, Winston S.
The Grand Alliance. Boston, Mass., Houghton-Mifflin, 1950. $6.00.

The third volume of Churchill's history of World War II.

1380 Curran, S. C., and Craggs, J. D.
Counting Tubes. N.Y., Academic Press, 1949. $5.50.

Theory and design of counting tubes with applications to nuclear research and other activities.

1381 Ely, Louis B.
Red Army Today, The. Harrisburg, Pa., Military Service, 1949. $3.50.

A detailed description of the Soviet military machine.

1382 Finch, Vernor Clifford and Trewartha, Glenn Thomas
Elements of Geography, Physical and Cultural; 3d ed. N.Y., McGraw, 1949. $6.00.

Treats of the potentialities of the physical earth for human use.

1383 Fischer, Bernhard
Radio and Television Mathematics; A Handbook of Problems and Solutions. N.Y., Macmillan, 1949. $6.00.

A practical handbook and reference for workers in radio, television, or other branches of electronics.

1384 Gaum, Carl G., and others
Report Writing, 3d ed. N.Y., Prentice-Hall, 1950. $4.00.

Covers fundamentals of the subject.

1385 Gaynor, Frank
Pocket Encyclopedia of Atomic Energy. N.Y., Philosophical Library, 1950. $7.50.

Brief definitions and explanations of terms in field of atomic energy.

1386 Giesecke, Frederick E., and others
Technical Drawing, 3d ed. N.Y., Macmillan, 1949. $4.50.

Presents technical drawing as the language of the engineer.

1387 Gottmann, Jean
Geography of Europe, A. N.Y., Holt, 1950. $6.75.

A comprehensive modern account written for American students.

1388 Grob, Bernard
Basic Television - Principles and Servicing. N.Y., McGraw, 1949. $6.50.

A comprehensive treatment for servicemen and technicians.

1389 Haas, Kenneth B., and Ewing, Claude H.
Tested Training Techniques. N.Y., Prentice-Hall, 1950. $2.00.

A simple down-to-earth presentation.

1390 Hanson, Earl Parker
New Worlds Emerging. N.Y., Duell, Sloan & Pearce, 1949. $3.50.

An expert's consideration of the undeveloped regions of the world.

1391 Harrison, George R.
Atoms in Action; the World of Creative Physics, 3d ed. N.Y., Morrow, 1949. $5.00.

A laymans' guide to modern science.

1392 Howley, Frank
Berlin Command. N.Y., G. P. Putnam's Sons, 1950. $3.50.

The story of the author's four years' battle of wits with the Russians.

1393 Jones, Bradley
Elements of Practical Aerodynamics, 4th ed. N.Y., Wiley, 1950. $5.00.

A new edition of a basic text.

1394 Karig, Walter and others
Battle Report; Victory in the Pacific. N.Y., Rinehart, 1949. $5.00.

The final volume in the story of the Navy's war in the Pacific.

1395 Katz, Israel
Principles of Aircraft Population Machinery. N.Y., Pitman, 1949. $6.50.

The fundamental aspects and nature of aircraft propulsion machinery.

1396 Kiver, Milton S.
Television and F-M Receiver Servicing, 2d ed. N.Y., Van Nostrand, 1950. $3.25.

Practical information for servicemen.

1397 Kiver, Milton S.
Television Simplified, 3d ed. N.Y., Van Nostrand, 1950. $6.50.

A basic, practical manual covering recent developments.

1398 Lawson, James Llewellyn, and Uhlenbeck, G. E. (eds)
Threshold Signals. (MIT Radiation Laboratory Series, Vol. 24). N.Y., McGraw, 1950. $5.00.

A technical discussion of the fundamental limitations in the detection of signals.

1399 Lesly, Philip (ed)
Public Relations Handbook; contributors, David O. Alber (and others) N.Y., Prentice-Hall, 1950. $10.00.

Basic concepts and effective patterns for public relations covering all types of activities.

1400 Luck, David G. C.
Frequency Modulated Radar. N.Y., McGraw, 1949. $4.00.

Practical reference volume covering principles and possibilities of F-M radar.

1401 McNeil, Gomer T.
ABC's of Photogrammetry, 2 Parts. Part 1, Fundamentals, by Gomer T. McNeil. Part 2, Tilt and Control Extension, by Ralph O. Anderson. Washington, 1949. $6.00. Photogrammetry, P.O. Box 1550, Washington 13, D.C.

Two basic books on the science of obtaining reliable measurements by means of photography.

1402 MacNair, Harley F., and Lach, Donald F.
Modern Far Eastern International Relations. N.Y., Van Nostrand, 1950. $9.75.

A comprehensive discussion of far eastern history in the twentieth century.

1403 Manly, H. P.
Electric Appliance Repair and Servicing. Chicago, Frederick J. Drake, 1950. $3.00.

An instruction book for care, trouble shooting and repair of electric home appliances.

1404 Noll, Edward M.
Television for Radiomen. N.Y., Macmillan, 1949. $7.00.

A practical guide to construction, operation and servicing.

1405 Penrose, H. E.
Principles and Practice of Radar. N.Y., Van Nostrand, 1950. $7.50.

Assumes an adequate knowledge of fundamental radio technique.

1406 Radio Amateur's Handbook, 1950. West Hartford, Conn., American Radio Relay League, 1950. $2.00.

Treats latest developments during the past years.

1407 Schlaifer, Robert O., and Heron, S. D.
Development of Aircraft Engines and Fuels. Cambridge, Graduate School of Business Administration, Harvard University, 1950. $5.75.

A consideration of government and industry relationships in research and development in the field of aviation.

1408 Sherman, Frederick C.
Combat Command; The American Aircraft Carriers in the Pacific War. N.Y., Dutton, 1950. $5.00.

Story of our aircraft carriers in the Pacific.

1409 Sigaud, Louis A.
Air Power and Unification. Harrisburg, Pa., Military Service, 1949. $2.50.

Douhet's principles of warfare and their application to the United States.

1410 Slater, John C.
Microwave Electronics. N.Y., Van Nostrand, 1950. $6.00.

A unified account of research in microwave electronics for physicists, engineers and technicians.

1411 Smith, Carl E.
Communication Circuit Fundamentals. N.Y., McGraw, 1949. $5.00.

A text suitable for home study.

1412 Smith, Walter Bedell
My Three Years in Moscow. Philadelphia, Lippincott, 1949. $3.75.

An American ambassador reports on the Russian way of life.

1413 Sterling, George E., and Monroe, Robert B.
The Radio Manual. N.Y., Van Nostrand, 1950. $12.00. New and enl. 4th ed.

A text and reference book in electronics and telecommunications.

1414 United States in World Affairs, 1948-1949, by John C. Campbell and the res. staff of the Council on Foreign Relations; with an introd. by George C. Marshall. (Council on Foreign Relations, Publications). N.Y., Harper, 1949. $5.00.

The record of the United States in international affairs during 1948 and early 1949.

1415 Vincent, Edward T.
Theory and Design of Gas Turbines and Jet Engines. N.Y., McGraw, 1950. $7.50.

A text on theory and practical applications.

1416 Wagener, Albert M.
Machine Shop Theory and Practice, 2d ed. N.Y., Van Nostrand, 1950. $2.80.

A basic book on machine tools and their operation.

1417 Wilkinson, Paul H.
Aircraft Engines of the World, 1950. N.Y., Paul H. Wilkinson, 1950. $10.00.

The eighth volume of an international reference book on specifications of jet and reciprocating aircraft engines.

1418 Wilson, William H., and Haas, Kenneth B.
The Film Book; for Business, Education and Industry. N.Y., Prentice-Hall, 1950. $4.65.

Basic information on how to obtain, produce and use film in training public relations, etc.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE TECHNICAL LIBRARIES
BOOK LIST NO. 3D - JULY 1949

1. The following list of technical publications is issued in accordance with AF Regulation 34-5 and is intended to serve as a guide for book selection by AF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 3, 3A, 3B and 3C.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, Air Force Technical Base, Wright-Patterson Air Force Base, Wright Field, Ohio, Attention: World-Wide Publications Distribution Section, Building #281.

3. Requisitions for books which do not appear on the book lists will be considered for purchase if submitted, with justifications for the need, on AAF Form 104B, together with two copies of AAF Form 104C, to Library Section, Personnel Services Division, Headquarters United States Air Force, Attention: AFPMP-12A.

4. Item 1169, Book List No. 3, should be deleted since it is a duplication of Item 1168.

BOOKS

1304 American Radio Relay League
A.R.R.L. Antenna Book, 5th ed. West Hartford, Conn., American Radio Relay League, Inc., 1949. $1.00.

Deals with the principles of antennas and transmission lines, wave propagation and its relationship to antenna design, and the performance characteristics of directive antenna systems.

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS

1305 Begun, S. J.
Magnetic Recording. N.Y., Murray Hill, 1949. $5.00.

Design, engineering, application and experimental phases of the subject.

1306 Beyer, Robert T., editor
Foundations of Nuclear Physics. N.Y., Dover Publications, 1948. $2.95.

The thirteen most important papers on nuclear physics which are the essential primary source materials in this field.

1307 Chance, Britton, and others
Electronic Time Measurements. (MIT Radiation Laboratory Series, No. 20). N.Y., McGraw, 1949. $7.00.

Problems of time and distance measurement by manual and automatic means, including practical circuits used.

1308 Churchill, Winston S.
Their Finest Hour. Boston, Houghton, Mifflin, 1949. $6.00.

The second volume of Churchill's history of World War II.

1309 Dickens, Admiral Sir Gerald
Bombing and Strategy. The Fallacy of Total War. N.Y., Macmillan, 1949. $1.75.

Some noteworthy opinions of strategical and tactical bombing from 1940 onwards.

1310 Drake, Rollen H.
Aircraft Electrical Systems, Hydraulic Systems, and Instruments. N.Y., Macmillan, 1949. $5.60.

Explains in simple non-technical terms the theory, construction and operation of three complex and closely related parts of modern aircraft.

1311 Ferri, Antonio
Elements of Aerodynamics of Supersonic Flows. N.Y., Macmillan, 1949. $10.00.

Theory and physical phenomena of supersonic flows.

1312 Guillaume, General Augustin
Soviet Arms and Soviet Power: The Secrets of Russia's Might. Washington, D.C., Infantry Journal, 1949. $3.50.

A study of the factors that contributed and still contribute to the power of the USSR.

1313 Hoover Commission Report on Organization of the Executive Branch of the Government. N.Y., McGraw, 1949. $3.75.

A one volume presentation of the essence of the Commission's findings.

1314 Kent, Sherman
Strategic Intelligence for American World Policy. Princeton, N.J., Princeton University Press, 1949. $3.00.

An explanation of what high-level intelligence is about and its difficulties and importance to the country.

1315 Knopf, Gene
Airline Traffic Procedures. N.Y., McGraw, 1949. $5.50.

Traffic procedures of modern domestic airlines.

1316 Possony, Stefan T.
Strategic Air Power; The Pattern of Dynamic Security. Washington, D.C., Infantry Journal, 1949. $5.00.

Considers general principles, possibilities and limitations of strategic bombing.

1317 Pratt, Fletcher
Eleven Generals. N.Y., Sloane Associates, 1949. $5.00.

The stories of American Generals, illustrating their distinctive and original contributions to the science of warfare.

1318 Ranney, Harold W.
Industrial Electronics. Albany, N.Y., Delmar Publishers, 1949. $3.20.

A manual to aid workers who operate and maintain industrial electronic equipment.

1319 Stouffer, S. A., and others
The American Soldier, 2 Vols. Vol. 1, Adjustment during Army Life. Vol. 2, Combat and Its Aftermath. Princeton, N.J., Princeton University Press, 1949. Set, $13.50.

A study of human behavior on the basis of scientific evidence.

1320 Sutton, George P.
Rocket Propulsion Elements - An introduction to the Engineering of Rockets. N.Y., Wiley, 1949. $4.50.

Basic elements and technical problems of rocket propulsion.

1321 Technical Development Staff of Northrop Aeronautical Institute.
Aircraft Maintenance and Repair. N.Y., McGraw, 1949. $6.00.

Third volume in a series on the inspection, maintenance, overhaul, repair and operation of aircraft.

1322 Wilkinson, Paul H.
Aircraft Engines of the World, 1949. N.Y., Paul H. Wilkinson, 1949. $10.00.

The seventh volume of an international reference book on specifications of jet and reciprocating aircraft engines.

1323 Winslow, C. E. A., and Herrington, L. P.
Temperature and Human Life. Princeton, N.J., Princeton University Press, 1949. $3.50.

The effects of heat and humidity on human life with a study of effective artifical controls.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE TECHNICAL LIBRARIES
BOOK LIST NO. 3C - MARCH 1949

1. The following list of technical publications is issued in accordance with AF Regulation 34-5 and is intended to serve as a guide for book selection by AF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 3, 3A and 3B.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, Air Force Technical Base, Wright-Patterson Air Force Base, Dayton, Ohio, Attention: World-Wide Publications Distribution Section, Building #281.

3. Requisitions for books which do not appear on the book lists will be considered for purchase if submitted, with justifications for the need, on AAF Form 104B, together with two copies of AAF Form 104C, to Library Section, Personnel Services Division, Headquarters United States Air Force. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers listed in SB 10-87, 29 June 1948, listed by contractor.

b. Books requiring open marked procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign language.

THE LIBRARY OF THE
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1260 Air Officer's Guide, 2d ed.
Harrisburg, Military Service, 1949. $3.50.

The second edition of a guide for Air Officers, based on the well known "Officers' Guide", supplemented by pertinent air material.

1261 Aircraft Yearbook for 1948, 30th Annual Edition
Washington, D. C., Aircraft Industries Association of America, 1948. $6.00.

Thirtieth annual volume which changes the emphasis from statistical information to reprinting of documents of lasting importance to aviation.

1262 American Radio Relay League
Radio Amateur's Handbook, 1949. West Hartford, Conn., American Radio Relay League, 1949. $2.00.

The 26th edition of the standard manual of amateur radio communication.

1263 Americana Annual, 1949
Americana Corporation, 1949. $10.00. General Schedule of Supply.

Keeps the Encyclopedia Americana up-to-date.

1264 Blackburn, John F., and others
Components Handbook (MIT Radiation Laboratory Series No. 17). N.Y., McGraw, 1949. $8.00.

A companion and reference book for volumes 18 through 23 of the Radiation Laboratory Series.

1265 Blackett, P. M. S.
Fear, War and the Bomb (Military and Political Consequences of Atomic Energy). N.Y., McGraw, 1948. $3.50.

An authoritative analysis of the atomic future of the world.

1266 Blair, Thomas A.
Weather Elements, 3d ed. N.Y., Prentice-Hall, 1948. $4.25.

Basic weather knowledge essential to airplane pilots.

1267 Bradley, David
No Place to Hide. Boston, Little Brown, 1948. $2,00.

A medical man explains the dire implications of the Bakini tests to the peoples of the world.

1268 Burchard, John
Q.E.D. - M.I.T. in World War II. N.Y., Wiley, 1948. $3.50.

The story of the contributions of a single privately endowed American institution to the war effort which can be considered as typical of many others.

1269 Chance, Britton and others
Waveforms (MIT Radiation Laboratory Series No. 19). N.Y., McGraw, 1949. $10.00.

Deals with the applications of circuit techniques to the generation of waveforms.

1270 Chennault, Claire Lee
Way of a Fighter. N.Y., Putnam's & Sons, 1949. $3.50.

A proponent of air power dissects our policy in China.

1271 Colvin, Fred H., and Stanley, F. A.
Drilling and Surfacing Practice, 3d ed. N.Y., McGraw, 1948. $5.00.

A practical training book in the various operations performed in drilling and surfacing materials. All material has been brought up to date, and new developments and techniques have been included.

1272 Colvin, Fred H., and Stanley, F. A.
Turning and Boring Practice, 3d ed. N.Y., McGraw, 1948. $4.75.

A complete guide for everybody interested in the operation of machines used in turning and boring practice.

1273 Courant, R., and Friedrichs, K. O.
Supersonic Flow and Shock Waves. N.Y., Interscience Publishers, 1948. $7.00.

Basic aspects of the dynamics of compressible fluids.

1274 Crowther, J. G., and Whiddington, R.
Science at War. N.Y., Philosophical Library, 1948. $6.00.

Covers British experience with applications to the American way effort.

1275 Dictionary of Guided Missile Terms, by the Committee on Guided Missiles of the Research and Development Board of the National Military Establishment. Washington, D. C., Public Affairs Press, 1949. $1.00.

Meanings of technical terms in the guided missile and associated technical fields.

1276 Einstein, Albert and Infeld, Leopold
The Evolution of Physics. N.Y., Simon & Schuster, 1948. $3.00.

The story of man's conquest of his own ignorance telling of the growth of ideas from early concepts to relativity and quanta.

1277 Eisenhower, Dwight D.
Crusade in Europe. N.Y., Doubleday, 1948. $5.00.

The single most important record of World War II.

1278 Fowler, Harlan D.
Fowler Flaps for Airplanes; an Engineering Handbook. Los Angeles, Wetzel Publishing Company, 1948. $6.00.

A complete study of the Fowler Flap which has been adapted to thirty different airplanes.

1279 Fuller, J. F. C.
The Second World War. N.Y., Duell, Sloan & Pearce, 1948. $5.00.

A critical appraisal of the strategy and tactics of World War II.

1280 Hicks, H. J.
Introductory Radio Theory and Servicing. N.Y., McGraw, 1949. $3.20.

An up-to-date text on the high school level which includes chapters on FM and television.

1281 Johnson, J. Richard, and Newitt, John H.
Practical Television Servicing. N.Y., Murray Hill, 1949. $4.00.

A working manual on servicing television receivers.

1282 Lapp, R. E., and Andrews, H. L.
Nuclear Radiation Physics. N.Y., Prentice-Hall, 1948. $6.00.

A logical and simple interpretation of nuclear radiation including the new instruments for producing and measuring such radiation.

1283 Liddell, Hart, B. H.
The German Generals Talk. N.Y., Morrow, 1948. $4.00.

An evaluation of the facts and military lessons of World War II based on interviews with the German generals concerned.

1284 Marchand, Nathan
Frequency Modulation. N.Y., Murray Hill, 1948. $5.00.

Covers fundamentals, installation and maintenance of FM equipment.

1285 Marcus, Abraham
Radio Servicing: Theory and Practice. N.Y., Prentice-Hall, 1948. $5.95.

The theory of the radio receiver and how to service it on an intermediate level.

1286 Montgomery of Alamein, Bernard Law Montgomery, 1st Viscount
El Alamein to the River Sangro. N.Y., Dutton, 1949. $6.50.

Military history by one of the great modern generals.

1287 Nilson, Arthur R., and Hornung, J. L.
Radio Operating Questions and Answers, 9th ed. N.Y., McGraw, 1948. $3.60.

Gives questions and answers on radio communication - theory, apparatus, circuits, laws and regulations.

1288 The Noncom's Guide
Harrisburg, Military Service, 1948. $2.00.

An encyclopedia of information for non-commissioned officers of the Army but has material of considerable value to airmen also.

1289 Norman, C. A., and Zimmerman, R. H.
Introduction to Gas-Turbine and Jet-Propulsion Design. N.Y., Harper, 1948. $5.00.

Performance and design of details of gas turbines and jet-propulsion apparatus.

1290 Pearcy, G. Etzel and others
World Political Goegraphy. N.Y., Crowell, 1948. $4.75.

A survey of the entire world and evaluates each segment from the point of view of political geography.

1291 Quarles, Guilford G.
Elementary Photography. N.Y., McGraw, 1948. $4.50.

A new edition of an intermediate book in photography.

1292 Silver, Samuel
Microwave Antenna Theory and Design (MIT Radiation Laboratory Series No. 12). N.Y., McGraw, 1949. $8.00.

Survey of theory and design techniques for microwave antennas with a full discussion of antenna measurement methods.

1293 Slurzberg, Morris, and Osterheld, William
Essentials of Radio. N.Y., McGraw, 1948. $5.00.

A comprehensive treatise on the intermediate level.

1294 Smith, Holland M., and Finch, Percy
Coral and Brass. N.Y., Scribner, 1949. $3.00.

The achievements of the Marine Corps in the war against Japan.

1295 Smith, W. H. B.
Small Arms of the World, 4th rev. ed. Harrisburg, Military Service, 1948. $6.00.

Shows the operating fundamentals of all types of small arms.

1296 Speas, R. Dixon
Airline Operation. Washington, D. C., American Aviation Publications, 1948. $5.00.

Covers all aspects of airline transportation of passengers and cargo.

1297 Steinberg, S. H.
The Stateman's Yearbook. N.Y., Macmillan, 1948. $7.50.

The 1948 edition reflects the progress of postwar reconstruction, and contains information lacking during the war years.

1298 Tweney, C. F., and Hughes, L. E. C.
Chamber's Technical Dictionary, rev. with supplement. N.Y., Macmillan, 1949. $6.50.

Defines many thousands of astronomical, meteorological, geological, mineralogical, chemical and physical terms.

1299 U.S. National Advisory Committee for Aeronautics
NACA-University Conference on Aerodynamics, June 21-23, 1948. Pasadena, Calif., California Institute of Technology, 1948. $3.00.

A series of papers, reviewing the statics of aerodynamics.

1300 Vale, John W., Jr.
Aviation Mechanic's Aircraft Manual, The. N.Y., McGraw, 1949. $6.00.

Basic information to prepare the aircraft engine mechanic for a mechanic's rating.

1301 von Gronicka A., and Zhemcuzhnaya-Bates, H.
Essentials of Russian; Reading, Conversation, Grammar. N.Y., Prentice-Hall, 1948. $5.00.

A text suitable for classroom, individual or self teaching.

1302 Weigert, Hans W., and others, editors
New Compass of the World. N.Y., Macmillan, 1949. $5.50.

Political geography discussed by experts.

1303 Yoder, Dale
Personnel Management and Industrial Relations, 3d ed. N.Y., Prentice-Hall, 1948. $5.00.

A text on modern practices in management of personnel and industrial relations in government and industry.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE TECHNICAL LIBRARIES
BOOK LIST NO. 3B - NOVEMBER 1948

1. The following list of technical publications is issued in accordance with AF Regulation 34-5 and is intended to serve as a guide for book selection by AF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 3 and 3A.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, Air Force Technical Base, Wright-Patterson Air Force Base, Dayton, Ohio, Attention: World-Wide Publications Distribution Section, Building #281.

3. Requisitions for books which do not appear on the book lists will be considered for purchase if submitted, with justifications for the need, on AAF Form 104B, together with two copies of AAF Form 104C, to Library Section, Personnel Services Division, Headquarters United States Air Force. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers listed in SB 10-87, 29 June 1948, listed by contractor.

b. Books requiring open market procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign language.

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BOOKS

1211 Anderson, Ralph O.
Photographic Control Extension. Ann Arbor, Michigan, Edwards Brothers, 1948. $1.00.

Supplements Item 36 on Book List 3.

1212 Brassey's Naval Annual, 1948, 59th issue, edited by Rear-Admiral H. G. Thrusfield. N.Y., Macmillan, 1948. $6.00.

Contains the full text of the German naval archives giving the strategic direction of the war at sea as faced by the German Command.

1213 Cady, W. M., and others
Radar Scanners and Radomes (MIT Radiation Series, Vol. 26). N.Y., McGraw, 1948. $7.00.

The engineering of the radar scanner and its housing.

1214 Chapel, Charles Edward
Aircraft Weight, Balance and Loading. Los Angeles, Aero Publishers, 1948. $3.25.

Detailed explanations for students, pilots, flight engineers, and aircraft mechanics covering CAA loading requirements.

1215 Childs, J. Rives
American Foreign Service. N.Y., Holt, 1948. $4.00.

An analysis of the foreign service of particular value to air attaches.

1216 Churchill, Winston Leonard Spencer
The Gathering Storm. Boston, Houghton, 1948. $6.00.

The first in a series of Churchill accounts of the period of the false peace and of the war until just before Dunkirk.

1217 Crowdson, Frederick M.
Spray Painting Industrial and Commercial. Chicago, Frederick J. Drake, 1948. $1.50.

An instruction manual for spray gun operators.

1218 Croft, Terrell
American Electricians' Handbook; A Reference Book for Practical Electrical Workers, 6th ed. N.Y., McGraw, 1948. $6.00.

Data and information on electrical equipment and material for practical electrical workers based on the National Electrical Code.

1219 Daniel, Hawthorne
For Want of a Nail; The Influence of Logistics on War; foreword by General Brehon Somervell. N.Y., McGraw, 1948. $3.75.

Based on an analysis of six historic war campaigns the importance of logistics in warfare is illustrated.

1220 Darrow, Karl Kelchner
Atomic Energy; Being the Norman Wait Harris Lectures Delivered at Northwestern University. N.Y., Wiley, 1948. $2.00.

Nuclear physics explained for the layman by a noted physicist.

1221 Electronics Engineers of the Westinghouse Electric Corporation
Industrial Electronics Reference Book. N.Y., Wiley, 1948. $7.50.

Basic electronic applications for practicing engineers requiring a knowledge of its applications to industrial processes.

1222 Forrester, Gertrude
Occupational Pamphlets; An Annotated Bibliography. N.Y., H. W. Wilson, 1948. $2.50.

A key to the many pamphlets in the filed of vocational counseling.

1223 Fox, Bish and Ruffner
School Administration - Principles and Procedures. N.Y., Prentice-Hall, 1948. $2.00.

Basic information pertinent to the job of the school administrator designed for use of military, business and industrial organizations.

1224 Francis, Devon
Flak Bait. N.Y., Duell, Sloan & Pearce, 1948. $5.00.

The story of medium bombardment in World War II.

1225 French, Thomas E., and Svensen, Carl L.
Mechanical Drawing, 5th ed. N.Y., McGraw, 1948. $2.80.

A complete revision of an established standard text.

1226 Gabor, D.
The Electron Microscope; Its Development, Present Performance and Future Possibilities. N.Y., Chemical Publishing Co., 1948. $4.75.

Introduction to use and a critical contribution to its theory.

1227 Goodman, Clark D., and others (editors)
Science and Engineering of Nuclear Power. Cambridge, Mass., Addison-Wesley Press, 1947. $7.50.

Fundamentals of chain reacting systems understandable to other than nuclear physicists.

1228 Goudsmit, Samuel A.
Alsos. N.Y., Henry Schuman, Inc., 1947. $3.50.

The story of the mission to search out German knowledge and developments in atomic physics.

1229 Haines, Ray E. (editor)
The Home Crafts Handbook. N.Y., Van Nostrand, 1948. $6.95.

Covers the entire range of hand skills.

1230 Ham, Clarence Walter and Crane, Edward Jameson
Mechanics of Machinery, 3d ed. N.Y., McGraw, 1948. $5.00.

Fundamental principles and methods includes vibrations, critical speeds in shafts and the gyroscope.

1231 Handbook for Public Information Officers. Carlisle Barracks, Pa., Book Store, Armed Forces Information School. 75¢.

Listed as required reading in Army, Training Circular No. 6, 19 July 1948.

1232 Haugland, Vern
The AAF Against Japan. N.Y., Harper, 1948. $5.00.

The story of the Air Forces concentration on Japan as the target.

1233 Hausmann, Erich
Swoope's Lessons in Practical Electricity. N.Y., Van Nostrand, 1948. $4.80.

A complete revision of a standard beginning text.

1234 Henney, Keith
Color Photography for the Amateur, rev. ed. N.Y., McGraw, 1948. $4.00.

The latest developments in a field of photography revolutionized by recent improvements.

1235 Hornung, J. L.
Radar Primer. N.Y., McGraw, 1948. $2.80.

A simple, understandable explanation of radar providing a foundation for advanced theory and applications.

1236 Jane's All the World's Aircraft, 1948, Vol. 36. N.Y., Macmillan, 1948. $20.00.

A standard reference book on world aviation.

1237 Karig, Walter and others
Battle Report; The End of an Empire. N.Y., Rinehart, 1948. $5.00.

The final mopping up in the southwest Pacific culminating in the Battle of Leyte Gulf.

1238 Lang, Daniel
Early Tales of the Atomic Age. N.Y., Doubleday, 1948. $2.75.

Readable account of developments in the field of atomic energy.

1239 Lee, Reuben
Electronic Transformers and Circuits. N.Y., Wiley, 1947. $4.50.

Covers design of transformers for electronic apparatus and the effects of transformer characteristics on electronic circuits.

1240 Lippincott, Benjamin E.
From Fiji Through the Philippines with the Thirteenth Air Force. N.Y., Macmillan, 1948. $10.00.

Illustrated by water colors portrays the life and chief activities of the 13th Air Force.

1241 Long, James Scott and Anderson, Harold Victor
Chemical Calculations; 5th ed. N.Y., McGraw, 1948. $3.75.

A standard text on chemical problems and calculations.

1242 McCullough, W. W.
Electric Motor Maintenance. N.Y., Wiley, 1947. $2.00.

Includes inspection, testing and repair.

1243 Markus, John and Zeluff, Vin
Handbook of Industrial Electronic Circuits. N.Y., McGraw, 1948. $6.50.

Performance characteristics and applications of 433 practical electronic circuits.

1244 Members of the Overseas Press Club of America
As We See Russia. N.Y., Dutton, 1948. $3.75.

Noted foreign correspondents tell what makes the Soviet tick.

1245 Montgomery, C. G., and others
Principles of Microwave Circuits (MIT Radiation Laboratory Series, Vol. 8). N.Y., McGraw, 1948. $8.00.

Technical exposition of the impedance concept and the equivalent circuits of microwave devices.

1246 Noyes, William A., Jr. (editor)
Chemistry: A History of the Chemistry Components of the National Defense Research Committee, 1940-1946. Boston, Little Brown, 1948. $6.00.

A report of the work done by chemists under the National Defense Research Committee during World War II.

1247 Palmer, Frederick
John J. Pershing, General of the Armies; A Biography. Harrisburg, Military Service, 1948. $4.50.

The story of a great World War I soldier who was influenced by our Civil War generals and in turn influenced the military leaders of World War II.

1248 Rapport, Leonard and Northwood, Arthur, Jr.
Rendezvous with Destiny; A History of the 101st Airborne Division. Washington, Infantry Journal Press, 1948. $7.50.

A detailed study of the organization, training and operations of an airborne division.

1249 Rothery, Agnes
Iceland New World Outpost. N.Y., Viking Press, 1948. $3.75.

A guide to the outpost on the Great Circle route between America and Europe.

1250 Soller, Theodore, and others
Cathode Ray Tube Displays (MIT Radiation Laboratory Series, Vol. 22). N.Y., McGraw, 1948. $10.00.

Solutions to problems involved in the application of cathode ray tubes to radar displays and to test equipment.

1251 Stilwell, Joseph W.
The Stilwell Papers, arranged and edited by Theodore H. White. N.Y., William Sloane Associates, 1948. $4.00.

The day to day diaries and letters of a controversial military figure of World War II.

1252 Technical Development Staff of Northrop Aeronautical Institute
Aircraft Power Plants. N.Y., McGraw, 1948. $6.00.

Provides the specialized knowledge required by engine mechanics.

1253 Valley, Jr., George E., and Wallman, Henry
Vacuum Tube Amplifiers (MIT Radiation Laboratory Series, Vol.18). N.Y., McGraw, 1948. $10.00.

Theoretical and practical aspects of multi-cavity magnetrons.

1254 Vogt, William
Road to Survival; With an Introduction by Bernard M. Baruch. N.Y., William Sloane Associates, 1948. $4.00.

A long term view of man's relationship to his environment.

1255 Winfield, Gerald F.
China: The Land and the People. N.Y., William Sloane Associates, 1948. $5.00.

The basic facts and truths about modern China.

1256 World Aviation Annual, 1948. Washington, D.C., Aviation Research Institute, 1948. $17.50.

The current status of aviation in the U. S. and abroad.

1257 Zimmerman, Oswald T., and Lavine, Irvin
Scientific and Technical Abbreviations, Signs and Symbols. Dover, New Hampshire, Industrial Research Service, 1948. $7.50.

A convenient compilation to encourage greater uniformity in use.

1258 Zweng, Charles A.
Civil Air Regulations for Pilots. North Hollywood, Calif., Pan American Navigation Service, 1947. $1.00.

All provisions of the Civil Aeronautics Regulations pertinent to pilots arranged by general subject groups.

1259 Zweng, Charles A.
Link Instructor Manual. North Hollywood, Calif., Pan American Navigation Service, 1948. $4.00.

Contains all information required for Civil Aeronautics Administration written examination for Link Instructor rating.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, D. C.

TECHNICAL PUBLICATIONS FOR AIR FORCE TECHNICAL LIBRARIES
BOOK LIST NO. 3A JULY 1948

1. The following basic list of technical publications is issued in accordance with AF Regulation 34-5 and is intended to serve as a guide for book selection by Air Force Technical Libraries. This list includes titles which are on Book List No. 3, now in process of reproduction, and which will be distributed at an early date. It also includes some new titles which are not on Book List 3. These begin with Item No. 1179.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at Air Force installations. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment of funds available for technical books and periodicals, and requisitioning does not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, Air Force Technical Base, Wright-Patterson Air Force Base, Dayton, Ohio, Attention: World-Wide Publications Distribution Section, Building #281.

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a. Books of publishers in latest SB 10-87, listed by contractor.

b. Books requiring open market procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign languages or out of print titles.

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LIST OF BOOKS APPROVED SINCE PUBLICATION OF
BOOK LIST NO. 21 - FEBRUARY 1948

The titles listed below are on Book List No. 3, now in process of reproduction.

314 Ennes, Harold E.
Broadcast Operators Handbook. N.Y., Rider, 1947. $3.30.

357 French, Marion O.
America and War. Harrisburg, Pa., Military Service, 1947. $5.00.

404 Gray, George William
Frontiers of Flight; the Story of NACA Research. N.Y., Knopf, 1948. $6.00.

429 Hamilton, D. R., and others
Klystrons and Microwave Triodes (MIT Radiation Laboratory Series Vol. 7). N.Y., McGraw-Hill, 1948. $7.50.

692 Marcus, Abraham and Marcus, William
Elements of Radio, 2d ed. N.Y., Prentice-Hall, 1948. $3.00.

714 Menzel, Donald H.
Elementary Manual of Radio Propagation. N.Y., Prentice-Hall, 1948. $7.65.

736 Mirsky, Jeannette
To the Arctic! The Story of Northern Exploration from Earliest Times to the Present. N.Y., Knopf, 1948. $5.00.

741 Moe, Harris G.
Flight Engineering and Cruise Control. N.Y., Wiley, 1947. $4.00.

817 *Patman, Wright
Our American Government; The Answers to 1001 Questions on How it Works. Chicago, Ziff-Davis Publishing Co., 1948. $1.50 (paper)

835 Pierce, J. A., and others
Loran Long Range Navigation (MIT Radiation Laboratory Series Vol. 4). N.Y., McGraw-Hill, 1948. $6.00.

838 Pope, Allan
Wind-Tunnel Testing. N.Y., Wiley, 1947. $5.00.

881 Rider, John F., and Uslan, Seymour D.
FM Transmission and Reception. N.Y., Rider, 1948. $2.70.

942 Shields, Bert A.
Air Pilot Training, 3d ed. N.Y., McGraw-Hill, 1948. $5.00.

949 Shurcliff, W. A.
Bombs at Bikini; The Official Report of Operation Crossroads. N.Y., William H. Wise, 1947. $3.50.

977 Smullin, L. D.
Microwave Duplexers (MIT Radiation Laboratory Series, Vol. 14). N.Y., McGraw, 1948. $6.50.

982 Spangenberg, Karl R.
Vacuum Tubes. N.Y., McGraw-Hill, 1948. $7.50.

1006 Stimson, Henry L., and Bundy, McGeorge
On Active Service in Peace and War. N.Y., Harper, 1948. $5.00.

1035 Theodorsen, Theodore
Theory of Propellers. N.Y., McGraw-Hill, 1948. $3.50.

1037 Thomson, Sir George
The Atom, 3d ed. N.Y., Oxford University Press, 1948. $2.00.

1085 Veinott, Cyril G.
Fractional Horsepower Electric Motors, 2d ed. McGraw-Hill, 1948. $5.00.

1079 Van Voorhis, S. N.
Microwave Receivers (MIT Radiation Laboratory Series, Vol. 23). N.Y., McGraw-Hill, 1948. $8.00.

1093 Wall, Edward J., and Jordan, Franklin I.
Photographic Facts and Formulas. Boston, American Photographic Publishing Co., 1947. $5.00.

1125 *Wilkinson, Paul H.
Aircraft Engines of the World, 1948. N.Y., Paul H. Wilkinson, 1948. $10.00.

1160 Zeluff, Vin and Markus, John
What Electronics Does. N.Y., McGraw-Hill, 1948. $3.00.

* Basic titles. These books will be automatically distributed to each USAF Technical Library.

New titles approved since the establishment of Book List No. 3.

1179 Air Officer's Guide, The
Harrisburg, Military Service, 1948. $3.50.

1180 Americana Annual, 1948. N.Y., Americana Corporation, 1948.
$10.00. General Schedule of Supply.

1181 Baldwin, Hanson W.
The Price of Power. N.Y., Harper, 1948. $3.75.

1182 Barton, Millard Vernon
Fundamentals of Aircraft Structures. N.Y., Prentice-Hall, 1948.
$6.00.

1183 Bennett, Harry
The Chemical Formulary; A Collection of Valuable, Timely, Practical, Commercial Formulae and Receipes for Making Thousands of Products in Many Fields of Industry, Vol. 8. N.Y., Chemical Publishing Co., 1948. $7.00.

1184 *Building America - Aviation. Vol. 13, No. 4. N.Y., Americana Corporation, 1948. $.40.

1185 Burchard, John E.
Rockets, Guns and Targets; foreword by Richard C. Tolman.
Boston, Little, Brown, 1948. $6.00.

1186 Collins, George B.
Microwave Magnetrons. (MIT Radiation Laboratory Series, Vol. 6).
N.Y., McGraw-Hill, 1948. $9.00.

1187 Dell, Truman G., and others
Brake Work for Automobile Mechanics. Albany, N.Y., Delmar Publishers, Inc., 1948. $3.50.

1188 Divine, A. D.
Dunkirk. N.Y., Dutton, 1948. $4.50.

1189 Drake, R. H.
Aircraft Engines. N.Y., Macmillan, 1948. $5.90.

1190 General Repair Tools for Automobile Mechanics. Albany, N.Y., Delmar Publishers, Inc., 1948. $3.00.

1191 Glasoe, G. N. and Lebacqz, J. V.
Pulse Generators. (MIT Radiation Laboratory Series, Vol. 5).
N.Y., McGraw-Hill, 1948. $9.00.

1192 Goldman, Stanford
Frequency Analysis, Modulation and Noise. (Radio Communication Series). N.Y., McGraw-Hill, 1948. $6.00.

1193 Greenwood, Ivan A., Jr., and others
Electronic Instruments. (MIT Radiation Laboratory Series, Vol. 21). N.Y., McGraw-Hill, 1948. $9.00.

1194 Hage, Robert E.
Jet Propulsion in Commercial Air Transportation. Princeton, N.J., Princeton University Press, 1948. $1.50.

1195 Hinton, Harold B.
Air Victory: The Men and the Machines; foreword by Lt. Gen. Barton K. Yount. N.Y., Harper, 1948. $5.00.

1196 Hoag, J. Barton
Electron and Nuclear Physics, 3d ed. rev. by S. A. Korff. N.Y., Van Nostrand, 1948. $5.00.

1197 Kiver, Milton S.
Television and F-M Receiver Servicing. N.Y., Van Nostrand, 1948. $2.95.

1198 Linebarger, Paul M. A.
Psychological Warfare. Washington, Infantry Journal, 1948. $3.50.

1199 Maedel, George F.
Basic Mathematics for Radio. N.Y., Prentice-Hall, 1948.

1200 Moreno, Theodore
Microwave Transmission Design Data (Radio Communication Series). N.Y., McGraw-Hill, 1948. $4.00.

1201 Morse, Philip M.
Vibration and Sound. N.Y., McGraw-Hill, 1948. $5.50.

1202 New York State Vocational and Practical Arts Association
Basic Repair Operations for Automobile Mechanics. Albany, N.Y., Delmar Publishers, Inc., 1948. $3.25.

1203 Newman, James R., and Miller, Byron S.
The Control of Atomic Energy. N.Y., Whittlesey House, 1948. $5.00.

1204 Patton, George S., Jr.
War As I Knew It. Boston, Houghton Mifflin, 1947. $3.75.

1205 Ragan, George L.
Microwave Transmission Circuits. (MIT Radiation Laboratory Series, Vol. 9). N.Y., McGraw-Hill, 1948. $8.50.

1206 Sisco, Frank Thayer
Modern Metallurgy for Engineers, 2d ed. N.Y., Pitman, 1948. $5.00.

1207 Strohm, Rufus T., and DeGroot, Archibald
The Slide Rule; How to Use it. Scranton, Penn., 1948. $1.50.

1208 Television - How it Works. N.Y., Rider, 1948. $2.70.

1209 Vincent, E. T.
Supercharging the Internal Combustion Engine. N.Y., McGraw-Hill, 1948. $5.00.

1210 Werner, Earl F.
Aircraft Instrument Maintenance. N.Y., McGraw-Hill, 1948. $7.50.

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TECHNICAL PUBLICATIONS

FOR AIR FORCE TECHNICAL LIBRARIES

BOOK LIST NO. 3 JULY 1948

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, D. C.

TECHNICAL PUBLICATIONS FOR AIR FORCE TECHNICAL LIBRARIES

BOOK LIST NO. 3—JULY 1948

1. The following basic list of technical publications is issued in accordance with AF Regulation 34-5 and is intended to serve as a guide for book selection by Air Force Technical Libraries. It supersedes all previous lists and includes new publications which have been favorably considered for inclusion since the publication of Book Lists 2, through 21.

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b. Books requiring open market procurement.
c. Publications of Government Printing Office.
d. Obscure or hard to get items such as publications in foreign languages or out of print titles.

4. The following basic list of technical periodicals is furnished automatically to Air Force Technical Libraries, with the exception of certain libraries at specialized USAF activities:

BASIC LIST OF PERIODICALS FOR TECHNICAL LIBRARIES AT USAF INSTALLATIONS IN ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air Trails and Service Frontier
All Hands
American Aviation
American Aviation Directory
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Audio Engineering
Automotive Industries
Aviation Maintenance and Operations
Aviation Week

Booklist
Bulletin of the American Meteorological Society

Camera
Civil Aeronautics Journal
Communications

Electronics

Flight
Flying

Infantry Journal
Instruments

Journal of Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards

Library Journal

Materials and Methods
Mechanical Engineering
Military Affairs
Military Engineer
Military Review
Minicam Photography

National Aeronautics and Flight Plan

Ordnance

Plane Facts
Popular Mechanics
Popular Photography
Popular Science

Q.S.T.

Radio News
R.A.F. Quarterly

Science Digest
Science News Letter
Scientific American
Scientific Monthly
Skyways

Technical Book Review Index

U. S. Air Services
U. S. Official Postal Guide

Western Flying

BASIC LIST OF PERIODICALS FOR TECHNICAL LIBRARIES AT USAF INSTALLATIONS OUTSIDE ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Air Facts
Air Force
Air Trails and Service Frontier
American Aviation
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Audio Engineering
Automotive Industries
Aviation Week

Booklist

Communications

Electronics

Flying

Infantry Journal
Instruments

Journal of Aeronautical Sciences
Journal of Aviation Medicine
Materials and Methods
Military Engineer
Military Review
Minicam Photography

National Aeronautics and Flight Plan

Ordnance

Plane Facts
Popular Mechanics
Popular Photography
Popular Science

Q.S.T.

Radio News

Science Digest
Science News Letter
Scientific American
Scientific Monthly
Skyways

Technical Book Review Index

U. S. Air Services

Western Flying

5. Renewals for preceding listed magazines are automatic and are generally procured for distribution at the beginning of each calendar or fiscal year.

6. Requisitions for specialized periodicals not on the basic list will be considered for procurement if submitted with proper justification on AAF Form 104B, together with two (2) copies of AAF Form 104C, to Library Section, Personnel Services Division, Headquarters USAF.

AUTHOR LIST

Starred items (*) indicate title is on Basic Collection

- A -

1 Abbett, Robert W. *Engineering Contracts and Specifications.* N.Y., Wiley, 1945. $2.50.

2 Abbott, Arthur L. *National Electrical Code Handbook.* N.Y., McGraw, 1947. $4.00.

3 Abend, Hallett. *Reconquest: Its Results and Responsibilities.* N.Y., Doubleday, 1946. $2.75.

4 Abrams, Talbert. *Essentials of Aerial Surveying and Photo Interpretation.* N.Y., McGraw, 1944. $3.25.

5 Adams, Arthur S., and Hilding, G. D. *Fundamentals of Thermodynamics.* N.Y., Harper, 1945. $3.75.

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1148 *YANK, the GI Story of the War,* by the Staff of of YANK, The Army Weekly. N.Y., Duell, Sloan & Pearce, 1947. $5.00.

1149 Yates, Raymond F. *The Working Electron.* N.Y., Harper, 1946. $2.50.

1150 Yeakley, James R., and Martin, H. C. *Aircraft Tooling Practices.* N.Y., Pitman, 1944. $2.00.

1151 Yoder, Dale. *Personnel Management and Industrial Relations.* N.Y., Prentice-Hall, 1942. $4.50.

1152 Young, James F. *Materials and Processes.* N.Y., Wiley, 1944. $5.50.

1153 Young, Ross. *Personnel Management for Executives.* N.Y., McGraw, 1947. $2.50.

1154 *Young, Victor J. *Understanding Microwaves.* N.Y., John F. Rider, 1946. $6.00.

1155 Younger, John E., and others. *Airplane Maintenance,* 2d ed. N.Y., McGraw, 1944. $3.60.

1156 Younger, John E. *Mechanics of Aircraft Structures,* 2d ed. N.Y., McGraw, 1942. $4.50.

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1157 Zacharoff, Lucien. *Vital Problems of Air Commerce.* N.Y., Duell, Sloan & Pearce, 1946. $3.00.

1158 Zacharoff, Lucien. *World's Wings.* N.Y., Duell, Sloan & Pearce, 1946. $3.00.

1159 Zepler, E. E. *Technique of Radio Designs.* N.Y., Wiley, 1943. $4.00.

1160 Zeluff, Vin and Markus, John. *What Electronics Does.* N.Y., McGraw, 1948. $3.00.

1161 Ziff, William B. *Two Worlds.* N.Y., Harper, 1946. $3.00.

1162 Zim, Herbert S. *Air Navigation.* N.Y., Harcourt Brace, 1943. $3.00.

1163 Zim, Herbert S. *Man in the Air; the Effects of Flying on the Human Body.* N.Y., Harcourt Brace, 1943. $3.00.

1164 Zmeskal, Otto. *Radiographic Inspection of Metals.* N.Y., Harper, 1943. $2.75.

1165 Zucrow, M. J. *Principles of Jet Propulsion and Gas Turbines.* N.Y., Wiley, 1948. $6.50.

1166 Zweng, Charles A. *Aeronautical Navigation,* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $3.00.

1167 Zweng, Charles A. *Aeronautical Training: "A Quiz System,"* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $3.00.

1168 Zweng, Charles A. *Aircraft and Engine Mechanics,* rev. ed. Bloomington, Ill., McKnight, 1947. $3.00.

1169 Zweng, Charles A. *Aircraft and Engine Mechanic Manual,* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $3.00.

1170 Zweng, Charles A., and Zweng, A. C. *Airline Transport Pilot Rating,* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $4.00.

1171 Zweng, Charles A. *Airport Operation and Management.* North Hollywood, Calif., Pan American Navigation Service, 1947. $5.00.

1172 Zweng, Charles A. *Flight Engineers Manual.* North Hollywood, Calif., Pan American Navigation Service, 1947. $4.00.

1173 Zweng, Charles A. *Flight Instructor,* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $3.00.

1174 Zweng, Charles A. *Ground Instructor,* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $3.00.

1175 Zweng, Charles A. *Meteorology for Airmen,* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $3.00.

1176 Zweng, Charles A. *Parachute Technician.* North Hollywood, Calif., Pan American Navigation Service, 1944. $3.00.

1177 Zweng, Charles A. *Radio and Instrument Flying,* rev. ed. North Hollywood, Calif., Pan American Navigation Service, 1947. $4.00.

1178 Zweng, Charles A. *Zweng Aviation Dictionary.* North Hollywood, Calif., Pan American Navigation Service, 1944. $6.00.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE TECHNICAL LIBRARIES
BOOK LIST NO. 2I - FEBRUARY 1948

1. The following list of technical publications is issued in accordance with AF Regulation 34-5 and is intended to serve as a guide for book selection by AF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 2, through 2H.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, Air Force Technical Base, Wright-Patterson Air Force Base, Dayton, Ohio, Attention: World-Wide Publications Distribution Section, Building #281.

3. Requisitions for books which do not appear on the book lists will be considered for purchase if submitted, with justifications for the need on AAF Forms 104B, together with two copies of AAF Form 104C, to Library Section, Personnel Services Division, Headquarters United States Air Force. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers listed in SB 10-87, 24 July 1947 listed by contractor.

b. Books requiring open market procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign languages.

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4. The following basic list of periodicals is furnished automatically to Air Force Technical Libraries, with the exception of certain libraries at specialized USAF activities:

BASIC LIST OF PERIODICALS FOR
TECHNICAL LIBRARIES AT USAF INSTALLATIONS IN ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air Trails and Service Frontier
Air Transport
American Aviation
American Aviation Directory
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Automotive and Aviation Industries
Aviation Maintenance and Operations
Aviation Week
Booklist
Bulletin of the American Meteorological Society
Camera
Civil Aeronautics Journal
Communications
Electronics
Flight
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Materials and Methods
Mechanical Engineering
Military Affairs
Military Engineer
Military Review
Minicam Photography
National Aeronautics and Flight Plan
Ordnance
*Plane Facts
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Skyways
Technical Book Review Index
U.S. Air Services
U.S. Official Postal Guide
Western Flying

*NOTE: PLANE FACTS has recently been added to the basic list of periodicals and will be furnished all AF Technical Libraries.

BASIC LIST OF PERIODICALS FOR
TECHNICAL LIBRARIES AT
USAF INSTALLATIONS OUTSIDE ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Air Facts
Air Force
Air Trails and Service Frontier
Air Transport
American Aviation
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Automotive and Aviation Industries
Aviation Week
Booklist
Communications
Electronics
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Materials and Methods
Military Engineer
Military Review
Minicam Photography
National Aeronautics and Flight Plan
Ordnance
*Plane Facts
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Skyways
Technical Book Review Index
U.S. Air Services
Western Flying

5. Renewals for preceding listed magazines are automatic and are generally procured for distribution at the beginning of each calendar or fiscal year.

6. Requisitions for specialized periodicals not on the basic list will be considered for procurement if submitted with proper justification on AAF Form 104B, together with two (2) copies of AAF Form 104C, to Library Section, Personnel Services Division, Headquarters USAF.

BOOKS

2024 American College Dictionary
edited by Clarence L. Barnhart and others. N.Y., Random House, 1947. $5.00.

A modern dictionary prepared by 350 scholars and specialists reflecting the latest advances in the study of language.

2025 Armstrong, Hamilton Fish, editor
The Foreign Affairs Reader. N.Y., Harper, 1947. $5.00.

Articles selected from Foreign Affairs having permanent historical importance and bearing directly on present American foreign policy.

2026 Baker, Morris B.
Airline Traffic and Operations. N.Y., McGraw, 1947. $4.50.

A factual and objective view of airline traffic and operation activities including descriptions of all jobs involved.

2026A Bombs Away! Your Air Force in Action. N.Y., Wise, 1947.

A photographic record of Air Force operations of World War II.

2027 Brown, George H., and others
Theory and Application of Radio Frequency Heating. N.Y., Van Nostrand, 1947. $6.50.

Intended for engineers who use radio-frequency generators to solve heating problems.

2028 Burne, Alfred H.
Art of War on Land, The Harrisburg, Pa., Military Service, 1947. $2.50.

A consideration of what leads to success in war.

2029 Burne, Alfred H.
Strategy in World War II. Harrisburg, Pa., Military Service, 1947. $1.75.

An overall view of the land operations.

2030 Chamberlain, Katherine
Darkroom Handbook. Chicago, Ziff-Davis, 1947. $2.50.

Covers standard photographic processes in a convenient and readily accessible form.

2031 Coyne Electrical School Technical Staff
Applied Practical Radio. 3 Vols. Chicago, Coyne, 1947. $9.75.

A practical text written for home study.

2032 Coyne Electrical School Technical Staff
Modern Radio Instruments and Testing Methods. Chicago, Coyne, 1947. $2.50.

A practical book on the use, adjustment and repair of radio instruments.

2033 Davis, Hallowell, editor
Hearing and Deafness; A Guide for Laymen. N.Y., Murray Hill, 1947. $5.00.

A comprehensive treatment of the subject of audiology.

2034 Davis, Harry M.
Energy Unlimited. N.Y., Murray Hill, 1947. $4.00.

A popular account of the applications of the electron and atoms to daily life.

2035 Dunlap, C. H.
Transformers. Chicago, American Technical Society, 1947. $2.75.

A practical book on design, construction and installation of transformers.

2036 Electronics Training Staff of the Cruft Laboratory, Harvard University
Electronic Circuits and Tubes. N.Y., McGraw, 1947. $7.50.

Basic theory with emphasis on the applications in the field of communication and electronic control.

2037 Gamow, George
One Two Three...Infinity. N.Y., Viking, 1947. $4.75.

A brief review of basic scientific knowledge.

2038 Gavin, Major General James M.
Airborne Warfare. Washington, D.C., Infantry Journal, 1947. $3.00.

An account of past airborne warfare and its importance in the future.

2039 Hall, John S.
Radar aids to Navigation (M.I.T. Radiation Laboratory Series, Vol. 2) N.Y., McGraw, 1947. $5.00.

A non-technical presentation of the advantages and limitations of various types of radar as aids in the solution of problems encountered in navigation and pilotage.

2040 Halsey, Fleet Admiral William F., and Bryan, Lt. Com. Joseph, III
Admiral Halsey's Story. N.Y., McGraw, 1947. $4.00.

The naval war in the Pacific by the man who directed it.

2041 Harris, Sir Arthur Travers (Marshal of the R.A.F.)
Bomber Offensive. N.Y., Macmillan, 1947. $2.75.

Story of the British Bomber Command full of information on the importance of air power.

2042 Ingells, Douglas J.
They Tamed the Sky. N.Y., Appleton-Century, 1947. $3.50.

The story of the development of American Air Power with particular reference to the activities at Wright Field.

2043 Jacobson, C. I.
Developing; The Technique of the Negative. N.Y., Pitman, 1948. $3.50.

A practical work revised and adapted to American practices by Jacob Deschin.

2044 Jacobson, C. I.
Enlarging; The Technique of the Positive. N.Y., Pitman, 1948. $3.50.

Exhaustive information based on up-to-date practice.

2045 James, Hubert M., and others, editors
Theory of Servomechanisms. (M.I.T. Radiation Laboratory Series, Vol. 25) N.Y., McGraw, 1947. $5.00.

A text intended for servomechanism designers.

2046 Jane's All the World's Aircraft, 1947. Vol. 35. N.Y., Macmillan, 1947. $19.00.

The thirty-fifth volume containing much new material.

2047 Kieran, John editor
Information Please Almanac 1948. N.Y., Doubleday, 1948. $2.00.

A comprehensive reference book including short articles by well known writers on many subjects.

2048 Mangurian, G. N., and Johnston, Norman M.
Aircraft Structural Analysis. N.Y., Prentice-Hall, 1947. $6.00.

A practical text for engineers and draftsmen.

2049 Marcus, William and Levy, Alex
Elements of Radio Servicing. N.Y., McGraw, 1947. $3.60

An application of the psychology of learning to radio servicing covering 90% of the service problems found in modern radio servicing.

2050 Merriam, Robert E.
Dark December; the Full Account of the Battle of the Bulge. Chicago, Ziff-Davis, 1947. $3.00.

The story of the greatest pitched battle on the Western Front in World War II.

2051 Mitchell, William A.
Outline of the World's Military History. Washington, D.C., Infantry Journal, 1931. $3.50.

Recommended reading prior to attending Air Tactical School.

2052 Montgomery, Carol G.
Technique of Microwave Measurements (M.I.T. Radiation Laboratory Series, Vol. 11). N.Y., McGraw, 1947. $10.00.

Procedures for measuring the properties of microwaves and the circuits in which they are used.

2053 Neprud, Robert E.
Flying Minute Men. N.Y., Duell Sloan & Pearce, 1948. $3.00.

The full story of an important civilian aviation activity.

2054 Neville, Leslie E., and Silsbee, Nathaniel F.
Jet Propulsion Progress. N.Y., McGraw, 1948. $3.50.

The fundamentals of the gas turbine as applied to aircraft outlining developments in Germany, Great Britain and the United States.

2055 Officer's Guide. Harrisburg, Pa., Military Service, 1947. 12th ed. $3.50.

A revised edition of a standard reference book.

2056 Pendray, G. Edward
Coming Age of Rocket Power, The, rev. ed. N.Y., Harper, 1947. $3.50.

A revised edition of a standard book on the subject.

2057 Pound, Robert V.
Microwave Mixers (M.I.T. Radiation Laboratory Series, Vol. 16) N.Y., McGraw, 1948. $5.50.

Covers the microwave portions of receivers for very high-frequency waves.

2058 Radio Research Laboratory, Harvard University
Very High-Frequency Techniques. N.Y., McGraw, 1947. 2 Vols $14.00 per set.

Material on frequencies above 100 mc of interest to all workers in the very high-frequency field.

2059 Reeder, Frederick M.
Safe for Solo; What Every Young Aviatior Should Know. N.Y., Harper, 1947. $3.75.

A readable text with applications to beginners and seasoned pilots.

2060 Reotger, R. C.
Industrial, Electronics Maintenance. N.Y., Prentice-Hall, 1947. $3.50.

A practical text for the electrician who wishes to widen his knowledge to include electronic apparatus.

2061 Roberts, Arthur, editor
Radar Beacons (M.I.T. Radiation Laboratory Series, Vol. 3). N.Y., McGraw, 1947. $6.00.

A comprehensive survey of the present state of the beacon art.

2062 Shulman, Milton
Defeat in the West. N.Y., Dutton, 1947. $4.50.

The story of the Nazi defeat based on top secret German intelligence documents.

2063 Steinberg, S. H.
The Statesman's Yearbook. N.Y., Macmillan, 1947. $7.50.

The eighty-third issue of a standard statistical and historical annual of the states of the world.

2064 Strutt, M. O.
Ultra and Extreme Short Wave Reception. N.Y., Van Nostrand, 1947. $7.50.

An exposition of the principles and data presently available.

2065 Svoboda, Antonin
Computing Mechanisms and Linkages. (M.I.T. Radiation Laboratory Series, Vol. 27). N.Y., McGraw, 1948. $4.50.

Deals with the problem of designing continuously acting computing mechanisms having applications in gunsights, bombsights, automatic pilots, etc.

2066 Technical Development Staff of Northrop
Aeronautical Institute Aircraft Basic Science. N.Y., McGraw, 1948. $8.00.

Essential subjects for aircraft mechanics and aircraft engine mechanics.

2067 Terman, Frederick Emmons
Radio Engineering, 3d ed. N.Y., McGraw, 1947. $7.00.

The latest edition of a standard text which presents a comprehensive engineering treatment of the more important vacuum-tube and radio pehnomena.

2068 Thompson, James E.
Engineering Organization and Methods. N.Y., McGraw, 1947. $4.00.

The fundamental principles of engineering organization and methods.

2069 Thompson, T. G., and Peterson, R. A.
Illustrated Jig-Tooling Dictionary. N.Y., Macmillan, 1947. $7.50.

Includes special terminology used in individual industries such as aircraft.

2070 Torrey, Henry C., and Whitmer, Charles A.
Crystal Rectifiers. (M.I.T. Radiation Laboratory Series, Vol. 15). N.Y., McGraw, 1948. $7.50.

Theory, properties, manufacture and use of the silicon and germanium point-contact rectifiers developed for circuit applications.

2071 Wilber, Edwin L., and Schoenholtz, Estelle R.
Silver Wings. N.Y., Appleton-Century, 1948. $2.50.

A representative series of true Air Force stories set in a narrative framework to give them added suspense and interest.

2072 Wood, Karl D.
Technical Aerodynamics, 2d ed. N.Y., McGraw, 1947. $5.50.

A text incorporating the latest developments in the field.

2073 *World Almanac and Book of Facts for 1948. N.Y., World-Telegram, 1948. $1.00
The standard reference book for libraries.

2074 Zucrow, M. J.
Principles of Jet Propulsion and Gas Turbines. N.Y., Wiley, 1948. $6.50.

Fundamental theory requisite for an understanding of jet propulsion engines and gas-turbine power plants.

2075 Zweng, Charles A.
Flight Engineers Manual. North Hollywood, Calif., Pan American Navigation Service, 1947. $4.00.

A text to help candidates prepare for the written half of the CAA flight engineer examination.

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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON

TECHNICAL PUBLICATIONS FOR AIR FORCE TECHNICAL LIBRARIES
BOOK LIST NO. 2H - OCTOBER 1947

1. The following list of technical publications is issued in accordance with AF Regulation 34-5 and is intended to serve as a guide for book selection by AF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 2, 2A, 2B, 2C, 2D, 2E, 2F and 2G.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, AF Technical Base, Wright Field, Dayton, Ohio, Attention: World-Wide Publications Distribution Section, Building #281.

3. Requisitions for books which do not appear on the book lists will be considered for purchase if submitted, with justifications for the need on AAF Forms 104B, together with two copies of AAF Form 104C, to Library Section, Personnel Services Division, DCS/PA, Headquarters USAF. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers listed in SB 30-87, 24 July 1947 listed by contractor.

b. Books requiring open market procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign languages.

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BOOKS

1970 Allen, Oliver Field
The Modern Diesel. N.Y., Prentice-Hall, 1947. $5.00.

An account of the history and background of Diesel engines indicating by many illustrations its applications to date as a prime mover.

1971 Allen, Robert S.
Lucky Forward; the History of Patton's Third U.S. Army. N.Y., Vanguard Press, 1947. $5.00.

A controversial history of Patton's Third U.S. Army

1972 Baitsell, George A., ed.
Science in Progress, 5th Series. New Haven, Yale University Press, 1947. $5.00.

Accounts by outstanding scientists of progress in their respective fields.

1973 Barnes, G. M.
Weapons of World War II. N.Y., Van Nostrand, 1947. $7.50.

Principal characteristics and use in battle of World War II weapons, including aircraft armament, antiaircraft weapons and rockets.

1974 Bouchard, Harry
Surveying, 3d ed. Scranton, Pennsylvania, International Textbook Co., 1947. $4.50.

The third edition of a standard text incorporating material on state systems of plane coordinates established by the Coast and Geodetic Survey.

1975 Brady, George Stuart
Materials Handbook, 6th ed. N.Y., McGraw-Hill, 1947. $7.00.

An encyclopedia for purchasing agents, engineers, executives and foremen.

1976 Brotherton, M.
Capacitors; Their Use in Electronic Circuits. N.Y., Van Nostrand, 1946. $3.00.

The basic working information required by the average circuit designer to evaluate circuit requirements in terms of capacitors.

BOOKS

1977 Brown, Samuel P.
Air Conditioning and Elements of Refrigeration. N.Y., McGraw-Hill, 1947. $4.75.

A complete, practical working textbook and handbook suitable for study by those working in design, installation or operation of heating, ventilating and allied mechanical equipment of buildings.

1978 *Callahan, North
The Armed Forces as a Career. N.Y., Whittlesey House, McGraw-Hill, 1947. $3.00.

An up-to-date compilation of all pertinent data on careers in the Army, the Navy, the Coast Guard and the Marines.

1979 Campbell, John C., and others
The United States in World Affairs, 1945-1947. N.Y., Harper, 1947. $5.00.

An authoritative account of the main lines of our foreign relations from the end of the war to the spring of 1947.

1980 Chandler, Stedman and Robb, Robert W.
Front-Line Intelligence. Washington, Infantry Journal Press, 1946. $2.50.

An exposition of how to do what the field manuals tell you must be done.

1981 Cork, James M.
Radioactivity and Nuclear Physics. N.Y., Van Nostrand, 1947. $4.00.

A text for graduate students and research workers.

1982 Cornell, William B.
Organization and Management in Industry and Business, 3d ed. N.Y., Ronald Press, 1947. $5.00.

An overall view of industrial operations useful in planning industrial mobilization.

1983 DeChant, John A.
Devilbirds; the Story of United States Marine Corps Aviation in World War II. N.Y., Harper, 1947. $4.00.

Well-documented, reportorial account of what the Air Arm of the Marine Corps did in the recent war.

BOOKS

1984 De Guingand, Sir Francis
Operation Victory. N.Y., Scribner's, 1947. $3.75.

Montgomery's Chief of Staff relates a first hand account of the war as he saw it.

1985 Drake, Rollen H.
Aircraft Sheet Metal. N.Y., Macmillan, 1947. $5.50.

All phases of aircraft sheet-metal work containing all information and instructions needed to fulfill sheet metal requirements of an aircraft mechanic's license.

1986 Drake, Rollen H.
Aircraft Welding. N.Y., Macmillan, 1947. $4.00.

Covers information and instruction needed to fulfill the welding requirements for an aircraft mechanic's license.

1987 Eidinoff, Maxwell Leigh
Atomics for the Millions. N.Y., McGraw-Hill, 1947. $3.50.

A popular account of the basic principles behind the development of atomic energy.

1988 Garami, Louis and McEntee, Howard
Model Motor Manual. N.Y., Air Age, 1947. $3.00.

Latest data on theory, design and operation of model aircraft engines.

1989 Harrison, A. E.
Klystron Tubes. N.Y., McGraw-Hill, 1947. $3.50.

An introduction to the behavior of klystron tubes.

1990 Heavey, William F.
Down Ramp! The Story of The Army Amphibian Engineers. Washington, Infantry Journal Press, 1947. $5.00.

How we landed armies on hostile shores all over the world.

1991 Hoffman, Banesh
The Strange Story of the Quantum. N.Y., Harper, 1947. $3.00.

An account for the general reader of the growth of ideas underlying our present atomic knowledge.

BOOKS

1992 Holborn, Hajo
American Military Government: Its Organization and Policies. Washington, Infantry Journal Press, 1947. $3.50.

A critical and comprehensive presentation of American Military Government during and since World War II.

1993 Hollomon, John H., and Jaffe, Leonard D.
Ferrous Metallurgical Design. N.Y., Wiley, 1947. $5.00.

Modern Viewpoints and scientific principles that can be applied to the selection of steels to obtain optimum mechanical properties.

1994 Howard, Beverly E. and Strohmeier, William D.
You Can Learn to Fly. N.Y., Prentice-Hall, 1947. $3.75.

Two outstanding pilots explain how a propsective candidate can learn to fly and acquire his license.

1995 Karig, Walter and Purdon, Eric
Battle Report: Pacific War: Middle Phase. N.Y., Rinehart, 1947. $5.00.

The third volume in the series covering Coral Sea, Midway and the Defensive-Offensive Phase of the sea war in the Pacific.

1996 Kinnaird, Clark
It Happened in 1946. N.Y., Duell, Sloan and Pearce, 1947. $6.00.

Events of the past year in many fields of activity as recorded by International News Service, King Features Syndicate and International News Photos.

1997 Lent, Constantin Paul
Rocketry: Jets and Rockets. N.Y., Pen-Ink Publishing Company, 1947. $5.00.

The science of the reaction motor and its practical application for aircraft and space travel.

1998 McInnis, Edgar
The War: Sixth Year. N.Y., Oxford University Press, 1946. $3.00.

The final volume in the series carrying the war down to the surrender of Japan in the Pacific.

BOOKS

1999 Marchand, Nathan
Ultrahigh Frequency Transmission and Radiation. N.Y., Wiley, 1947. $4.50.

Basic principles of the radiation and transmission of electromagnetic waves.

2000 Marshall, Samuel L. A.
Men Against Fire; The Problem of Battle Command in Future War. Washington, Infantry Journal, 1947. $2.75.

Physical and psychological aspects of the problem of command in minor tactics.

2001 Mautner, Leonard
Mathematics for Radio Engineers. N.Y., Pitman, 1947. $5.00.

Essential trigonometry, calculus and differential equations required to solve everyday design problems in radio, electronics, radar and associated fields.

2002 Meyers, Lester
High-Speed Mathematics. N.Y., Van Nostrand, 1947. $5.95.

Rapid methods of calculation using primarily mental computations with means of checking on errors.

2003 Miller, John Anderson
Men and Volst at War; The Story of General Electric in World War II. N.Y., McGraw-Hill, 1947. $3.75.

An account of what is involved and the results obtained in the mobilization of the largest electrical manufacturing company for war.

2004 Mooney, James D.
The Principles of Organization, rev. ed. N.Y., Harper, 1947. $3.00.

An historical and interpretative study of the laws and principles that govern organized effort.

2005 Morgan, J. H.
Assize of Arms. Cambridge, Oxford University Press, 1946. $3.50.

The story of the myth of Germany's disarmament after the First World War and her rearmament (1919-1939).

BOOKS

2006 Morgan, Murray
Bridge to Russia; Those Amazing Aleutians. N.Y., Dutton, 1947. $3.00.

The story of the Aleutians from their discovery to the present time.

2007 Nauth, Raymond
The Chemistry and Technology of Plastics. N.Y., Reinhold, 1947. $9.50.

A comprehensive text with many applications and illustrations relating to aircraft.

2008 Nelson, J. Raleigh
Writing the Technical Report, 2d ed. N.Y., McGraw-Hill, 1947. $3.00.

A consideration of the report as a structure designed for service so that the writer will give the reader what he wants in the form most adaptable to his uses.

2009 Nilson, Arthur R., and Hornung, J. L.
Radio Operating Questions and Answers, 8th ed. N.Y., McGraw-Hill, 1946. $3.50.

Covers questions asked in government-license examinations and serves as a review for applicants.

2010 Nordhoff, W. A.
Machine-Shop Estimating. N.Y., McGraw-Hill, 1947. $6.00.

A manual for apprentices, machinists, toolmakers, draftsmen, superintendents based on wartime experience in the aircraft industry.

2011 Odell, Margaret K., and Strong, Earl P.
Records Management and Filing Operations. N.Y., McGraw-Hill, 1947. $4.00.

Information on which to base policies regarding records as well as procedures for handling records in an organization.

2012 Puleston, W. D.
The Influence of Sea Power in World War II. New Haven, Conn, Yale University Press, 1947. $5.00.

An examination of the influence of sea power in World War II and the future of sea power in the atomic age.

2013 Ratcliff, J. D. ed.
Science Year Book of 1947. N.Y., Doubleday, 1947. $2.50.

The sixth science annual containing reports by experts in various fields.

2014 Regen, Bernard R., and Regan, Richard R.
German-English Dictionary for Electronics Engineers and Physicists. Ann Arbor, Michigan, J. W. Edwards, 1946. $6.00.

21,000 entries defining electronic terms of interest to engineers, physicists, students, teachers and research workers.

2015 Rodale, J. I., and others
The Word Finder. Allentown, Pennsylvania, 1947. $6.50.

A unique reference book designed to aid writers in rebuilding sentences to give greater variety and meaning to their compositions.

2016 Rosser, J. Barkley and others
Mathematical Theory of Rocket Flight. N.Y., McGraw-Hill, 1947. $4.50.

The official final report to the OSRD concerning the work done on the exterior ballistics of fin-stabilized rocket projectiles.

2017 Ryder, John D.
Electronic Engineering Principles. N.Y., Prentice-Hall, 1947. $5.00.

A presentation of electronics as an independent field of engineering.

2018 *Sawyer, R. Tom
Gas Turbine Construction. N.Y., Prentice-Hall, 1947. $7.00.

Covers stationary, marine and locomotive turbines, as well as aircraft gas turbines, turbochargers and turbosuperchargers.

2019 Sawyer, R. Tom
The Modern Gas Turbine, 2d. ed. N.Y., Prentice-Hall, 1947. $4.00.

The major revision consists of the rewriting of the chapter on "the Gas Turbine as an aircraft prime mover."

2020 Shannon, James I.
The Amazing Electron. Milwaukee, Bruce, 1946. $4.00.

An explanation of electronics in non-technical terms requiring, however, a definite interest in the subject.

BOOKS

2021 Simon, Leslie E.
German Research in World War II; An Analysis of the Conduct of Research. N.Y., Wiley, 1947. $4.00.

An account of the examination of Nazi scientific establishments immediately following their capture.

2022 Smith, Edward S.
Control Charts; An Introduction to Statistical Quality Control. N.Y., McGraw-Hill, 1947. $3.00.

Practical methods and charts of statistical quality control presented with a minimum of mathematical analyses.

2023 War Reports of George C. Marshall, H. E. Arnold (and) Ernest J. King; foreword by Walter Millis. Philadelphia, Lippincott, 1947. $7.50.

A first hand account of the military aspects of our war effort by the three top men having final responsibility.

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HEADQUARTERS, ARMY AIR FORCES
WASHINGTON

TECHNICAL PUBLICATIONS FOR ARMY AIR FORCES TECHNICAL LIBRARIES BOOK LIST NO. 2G - JULY 1947

1. The following list of technical publications is issued in accordance with AAF Regulation 34-5 and is intended to serve as a guide for book selection by AAF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 2, 2A, 2B, 2C, 2D, 2E and 2F.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, AAF Technical Base, Wright Field, Dayton, Ohio, Attention: World-Wide Publications Distribution Section, Building #281.

3. Requisitions for books which do not appear on the book lists will be considered for purchase if submitted, with justifications for the need, on AAF Form 104B, together with two copies of AAF Form 104C to Library Unit, Personnel Services Branch, AC/AS-1, Headquarters AAF. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers listed in SB 10-87, 30 October 1946 listed by contractor.

b. Books requiring open market procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign languages.

4 1947

1943 Abbott, Arthur L.
National Electrical Code Handbook. N.Y., McGraw-Hill, 1947. $4.00.

A restatement in simple language with explanations and practical directions of the National Electric Code for the use of electricians and others interested in electrical installations.

1944 Adams, Orville L.
Diesel Operation and Maintenance. N.Y., Prentice-Hall, 1946. $5.00.

Covers operation and maintenance problems of all types of Diesel engines.

1945 Bennett, H.
Concise Chemical and Technical Dictionary. N.Y., Chemical Pub. Co., 1947. $10.00.

Some 50,000 definitions covering every field of scientific and technical development.

1946 Cooper, John C.
The Right to Fly. N.Y., Holt, 1947. $5.00.

An analysis of air power including its elements, geographic considerations and the actual and potential strengths of the various nations.

1947 Gusset, Francis
English-French and French-English Technical Dictionary. N.Y., Chemical Pub. Co., 1946. $5.00.

Intended for use of translators, librarians and students, engineers, industrial workers and chemists.

1948 Den Hartog, J. P.
Mechanical Vibrations, 3d ed. N.Y., McGraw-Hill, 1947. $6.00.

Deals with vibration phenomena in a thoroughly technical manner, while emphasizing the many applications of principles and calculations to the practical vibration problems encountered by the engineer.

1949 Drake's Cyclopedia of Radio and Electronics, 12th ed. (Edited by Harold P. Manly). Chicago, Drake & Co., 1948. $6.00.

The latest edition of a standard reference and instruction book.

BOOKS

1950 Duffin, D. J.
Generators and Motors and Their Application. N.Y., McGraw-Hill, 1947. $4.00.

A practical text for on-the-job use by armature winders and electric motor repair men.

1951 Fink, Donald G.
Radar Engineering. N.Y., McGraw-Hill, 1947. $7.00.

A practical, illustrated handbook designed specifically to acquaint engineers and technical workers in radio and electronics with the new techniques used in radio detecting and ranging of objects.

1952 Graham, Frank D.
Audels Machinists and Tool Makers Handy Book. N.Y., Audel & Co., 1946. $4.00.

A course for machinists and material for tool makers.

1953 Herron, Edward A.
Alaska, Land of Tomorrow. N.Y., McGraw-Hill, 1947. $2.75.

Alaska's industries, opportunities and everyday life, described section by section.

1954 Lanks, Herbert C.
Highway to Alaska. N.Y., Appleton-Century, 1944. $5.00.

The report of a trip along the Alcan highway, illustrated with many photographs.

1955 Lee, James
Operation Lifeline; History and Development of the Naval Air Transport Service. Chicago, Ziff-Davis, 1947. $5.00.

Story in text and pictures of the Naval Air Transport Service.

1956 Liepmann, Hans Wolfgang, and Puckett, Allen E.
Introduction to Aerodynamics of a Compressible Fluid. N.Y., Wiley, 1947. $4.00.

For students, engineers and scientists working with problems of compressible flow.

1957 Mackenzie, DeWitt
The Associated Press News Annual: 1946. N.Y., Rinehart, 1947. $5.00.

The story of a year, in word and picture, compiled and written from the dispatches and pictures of Associated Press correspondents and photographers around the world.

BOOKS

1958 Michal, Aristotle D.
Matrix and Tensor Calculus with Applications to Mechanics, Elasticity, and Aeronautics. N.Y., Wiley, 1947. $3.00.

Applied mathematics for aeronautical, electrical and mechanical engineers; for mathematicians, physicists, and meteorologists.

1959 Ranney, H. W., compiler
Cathode Ray Oscillograph in Industrial Electronic Circuits. Albany, N.Y., Delmar Publishers, Inc., 1947. $3.00.

A guide to instructors and students who wish to become familiar with the use of the cathode ray oscillograph.

1960 Richardson, H. M., and Wilson, J. Watson
Fundamentals of Plastics. N.Y., McGraw-Hill, 1946. $5.00.

An overall view of the plastics industry covering chemical structure and physical properties, a discussion of the six classes of plastics, commercial methods of manufacture and evaluation of plastics.

1961 Ridenour, Louis N., ed.
Radar System Engineering. (MIT Radiation Laboratory Series). N.Y., McGraw-Hill, 1947. $7.50.

A general treatise and reference book on the design of radar systems incorporating the wartime research of the Radiation Laboratory of Massachusetts Institute of Technology.

1962 Shores, Louis
Highways in the Sky; the story of the AACS. N.Y., Barnes & Noble, 1947. $3.00.

How we built our airways all over the world into the greatest system ever conceived; how the system has declined and the need for its preservation. All royalties go to the AAF Aid Society.

1963 Siskind, Charles S.
Electricity - Principles, Practice, Experiments. N.Y., McGraw-Hill, 1947. $2.60.

Elementary principles of electricity for senior high schools, vocational schools, junior colleges and technical institute classes.

1964 Straubel, James H.
Air Force Diary. N.Y., Simon and Schuster, 1947. $3.75.

Three short articles reprinted from AIR FORCE magazine which cumulatively give a vivid picture of the Army Air Forces and its part in the war.

BOOKS

1965 Taylor, Frank J., and Wright, Lawton
Democracy's Air Arsenal. N.Y., Duell, Sloan & Pearce, 1947. $7.50.

A pictorial study of every phase of the aircraft industry's war effort, telling of the achievements of the seven companies comprising the Aircraft War Production Council, - Boeing, Consolidated-Vultee, Douglas, Lockheed, North American, Northrop and Ryan.

1966 Thompson, Robert L.
Leathercraft. N.Y., Van Nostrand, 1947. $2.40.

A book for the beginning leathercraftsman - suitable for hobby shops.

1967 Titterton, George F.
Aircraft Materials and Processes. N.Y., Pitman, 1947, 3rd ed. $4.75.

This new edition contains new materials and processes developed during and since the war.

1968 *Wilkinson, Paul H.
Aircraft Engines of the World, 1947. N.Y., Paul H. Wilkinson, 1947. $10.00.

Specifications of all the latest aircraft engines in standardized page form facing full-page illustrations are given in this fifth volume of this international reference book.

1969 Young, Ross
Personnel Manual for Executives. N.Y., McGraw-Hill, 1947. $2.50.

A McGraw-Hill Industrial Organization and Management Series. A guide to human relations and scientific personnel work, for business and industrial executives.

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HEADQUARTERS, ARMY AIR FORCES
WASHINGTON

TECHNICAL PUBLICATIONS FOR ARMY AIR FORCES TECHNICAL LIBRARIES BOOK LIST NO. 2F - MAY 1947

1. The following list of technical publications is issued in accordance with AAF Regulation 34-5 and is intended to serve as a guide for book selection by AAF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 2, 2A, 2B, 2C, 2D and 2E. As in the earlier lists, those titles which have been or are currently being automatically distributed to all Technical Libraries are marked with an asterisk.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, AAF Technical Base, Wright Field, Dayton, Ohio, Attention: World-Wide Publications Distribution Section, Building #281.

3. Requisitions for books which do not appear on the book lists will be considered for purchase if submitted, with justifications for the need, on AAF Form 104B, together with two copies of AAF Form 104C to Library Unit, Special Services Section, AC/AS-1, Headquarters AAF. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers listed in SB 10-87, 19 June 1946 listed by contractor.

b. Books requiring open market procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign languages.

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1908 *Aircraft Yearbook for 1947. N. Y., Lanciar Publishers, Inc., 1947. $6.00.

The standard authority on American Aviation.

1909 American Radio Relay League. Radio Amateur's Handbook, 24th ed. West Hartford, Conn., American Radio Relay League, 1947. $1.25.

The 24th edition of the best known and most authoritative handbook for radio amateurs.

1910 Bailly, Edward C., Jr.
The Art of Flight Instruction. N. Y., Harper, 1947. $3.00.

An invaluable book for flight instructors as well as being of use to students to show them the problems of the instructors.

1911 Baxter, James Phinney, 3d
Scientists Against Time. Boston, Little, Brown, 1946. $5.00.

The official story of the secret weapons designed for World War II written by the president of Williams College as a popular over-all history of the work of the OSRD.

1912 Bendz, W. I.
Electronics for Industry. N. Y., Wiley, 1947. $5.00.

A practical, non-mathematical explanation for engineers and technicians who want an understanding of the fundamentals of electronics.

1913 Boucher, Paul E.
Fundamentals of Photography, 2d ed. N. Y., Van Nostrand, 1947. $4.00.

For the serious student and the amateur who wishes to extend his technical knowledge of photography.

1914 Campbell, John W.
The Atomic Story. N. Y., Holt, 1947. $3.00.

The story of atomic physics in layman's language.

1915 Chase, Carl T.
Evolution of Modern Physics. N. Y., Van Nostrand, 1947. $2.50.

A review of the triumphal march of physical discovery from the dawn of science to the present.

1916 Cleveland, Reginald
The Aviation Annual of 1947. N. Y., Harper, 1947. $5.00.

A survey of 1946 developments in transport, military and private flying the first peacetime year in half a decade.

1917 Coale, Ansley J.
The Problem of Reducing Vulnerability to Atomic Bombs. Princeton, N. J., Princeton University Press, 1947. $2.00.

A simple non-technical examination of the problem of reducing vulnerability to atomic bombs.

1918 Cooper, Herbert J.
Scientific Instruments. N. Y., Chemical Pub. Co., 1946. $6.00.

A discussion of a wide range of instruments designed for making physical measurements. It is written from the English point of view.

1919 Crehore, Albert Cushing
Electrons, Atoms, Molecules. Boston, Christopher Pub. House, 1946. $3.75.

An explanation and correlation of various physical phenomena based on a new conception of atoms in their steady state. Involves considerable mathematics.

1920 DeArmond, Fred
Executive Thinking and Action. N. Y., McGraw-Hill, 1946. $3.00.

The methods and practices of executive achievement as demonstrated by the activities of well-known leaders.

1921 Frederick, John H.
Commercial Air Transportation, Chicago, Richard D. Irwin, Inc., 1946. $5.00, rev. ed.

A consideration of the development, federal regulation, problems, services and operating methods of commercial air transportation.

1922 Frisch, O. R.
Meet the Atoms. N. Y., Wyn, 1947. $3.00.

The background of experiment and discovery which led to the release of atomic power told by a physicist with clarity and simplicity.

1923 Garbell, Maurice A.
Tropical and Equatorial Meteorology. N. Y., Pitman, 1947. $12.00.

Complete book on the meteorology of the low latitudes lying between the latitudes 30°N and 30°S.

1924 Harkins, L. B.
Magnesium Fabrication. N. Y., Pitman, 1947. $2.75.

Authoritative data for all phases of the fabrication of magnesium-alloy sheet, extrusions, and tubing into the finished product.

1925 Jordanoff, Assen
Dials and Flight. N. Y., Harper, 1947. $5.00.

A discussion of flight instruments, engine instruments, navigation instruments, and automatic pilots giving purpose, description, use, location and servicing instructions.

1926 Lauer, Henri, and others
Servomechanism Fundamentals. N. Y., McGraw-Hill, 1947. $3.50.

Introduction to controlling processes, engines and servomechanisms intended for the engineering student and the practicing engineer.

1927 Ley, Willy
Rockets and Space Travel. The future of Flight beyond the Stratosphere. N. Y., Viking, 1947. $3.75.

A new edition of Ley's book on the future of flight beyond the stratosphere which first appeared in 1944.

1928 McKee, Philip
Warriors with Wings. N. Y., Crowell, 1947. $2.50.

A collection of true stories about combat in the Army Air Forces.

1929 Potter, Jean
The Flying North. N. Y., Macmillan, 1947. $3.75.

The story of bush pilots in Alaska which is a great saga of pioneer aviation history.

1930 Richter, Walther
Fundamentals of Industrial Electronic Circuits. N. Y., McGraw-Hill, 1947. $4.50.

An intermediate text presenting the fundamentals of industrial electronics.

1931 Selgin, Paul J.
Electrical Transmission in Steady State. N. Y., McGraw-Hill, 1946. $5.00.

A comprehensive coverage of the methods of network theory for the practicing engineer and advanced student in the communications field.

1932 Simmons, Ernest J.
USSR. A concise Handbook. Ithaca, N. Y., Cornell University Press, 1947. $4.50.

A factual introduction to the Soviet Union, covering geography, political science, the social sciences, and the humanities and science. The articles were originally written for the "Encyclopedia Americana" and have been revised to include latest available information.

1933 *U. S. Army Air Forces. Historical Office.
Official Pictorial History of the AAF, The. N. Y., Duell, Sloan & Pearce, 1947. $4.50.

Air weapons from balloons to Superfortresses; a history, mainly pictures with some text, of American military aviation, its science and organization.

1934 U. S. Civil Aeronautics Administration.
Airport Drainage. Washington, Superintendent of Documents, Government Printing Office, 1947. 30¢

1935 U. S. Department of Commerce.
Opportunities for Establishing New Businesses in Aviation. Washington, Superintendent of Documents, Government Printing Office, 1947. 40¢

1936 Van Nostrand's Scientific Encyclopedia, 2d ed.
N. Y., Van Nostrand, 1947. $12.00.

A new edition of a standard comprehensive reference work on science and its practical applications.

1937 Wellman, William R.
Elementary Radio Servicing. N. Y., Van Nostrand, 1947. $3.75.

A guide to diagnosing and correcting radio receiver troubles.

1938 Winter, William, and Schroder, Walter L.
Gas Models and Engines. N. Y., Crowell, 1946. $3.00.

The latest information on design, construction and flying of gas-propelled model airplanes.

1939 Wood, Martha, editor
Heroes of the Air, rev. ed. N. Y., Crowell, 1946. $2.50.

The latest edition of a standard book on heroes of the air, taking into account wartime exploits and accomplishments.

1940 *World Almanac and Book of Facts for 1947. N. Y. World-Telegram, 1947. $1.00.

1941 YANK - The GI story of the War, by the Staff of YANK, The Army Weekly. N. Y., Duell, Sloan, 1947. $5.00.

The uncensored story of how American GI's fought, thought, felt, lived and talked during the historic years 1944 - 1945.

1942 Zweng, Charles A.
Airport Operation and Management. North Hollywood, California, Pan American Navigation Service, 1947. $5.00.

Presents the latest comprehensive and pertinent material on airport operation and management.

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TECHNICAL PUBLICATIONS FOR ARMY AIR FORCES TECHNICAL LIBRARIES BOOK LIST NO. 2E - JANUARY 1947

1. The following list of technical publications is issued in accordance with AAF Regulation 34-5 and is intended to serve as a guide for book selection by AAF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 2, 2A, 2B, 2C and 2D. As in the earlier lists, those titles which have been or are currently being automatically distributed to all Technical Libraries are marked with an asterisk.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, AAF Technical Base, Wright Field, Dayton, Ohio, Attention: World-Wide Publications Distribution Section, Building #281.

3. Requisitions for books which do not appear on the book lists will be considered for purchase if submitted, with justifications for the need, on AAF Form 104B, together with two copies of AAF Form 104C to Library Unit, Special Services Section, AC/AS-1, Headquarters AAF. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers listed in SB 10-87, 19 June 1946 listed by contractor.

b. Books requiring open market procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign languages.

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4. The following basic list of periodicals is furnished automatically to AAF Technical Libraries, with the exception of certain libraries at specialized AAF activities:

BASIC LIST OF PERIODICALS FOR
TECHNICAL LIBRARIES AT AAF INSTALLATIONS IN ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air Trails
Air Transport
American Aviation
American Aviation Directory
American Machinist
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation News
Booklist
Bulletin of the American Meteorological Society
Camera
Canadian Aviation
Civil Aeronautics Journal
Communications
Electrical Engineering
Electronics
Flight
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Machinery
Materials and Methods
Mechanical Engineering
Military Affairs
Military Engineer
Military Review
Minicam Photography
National Aeronautics
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
U.S. Official Postal Guide
Welding Engineer
Western Flying

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BASIC LIST OF PERIODICALS FOR
TECHNICAL LIBRARIES AT
AAF INSTALLATIONS OUTSIDE ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Air Facts
Air Force
Air Trails
Air Transport
American Aviation
American Machinist
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation News
Booklist
Communications
Electrical Engineering
Electronics
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Machinery
Materials and Methods
Mechanical Engineering
Military Engineer
Military Review
Minicam Photography
National Aeronautics
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
Welding Engineer
Western Flying

5. Renewals for preceding listed magazines are automatic and are generally procured for distribution at the beginning of each calendar or fiscal year.

6. Requisitions for specialized periodicals not on the basic list will be considered for procurement if submitted with proper justification on AAF Form 104B together with two (2) copies of AAF Form 104C to Library Unit, Headquarters AAF.

BOOKS

1875 Anderson, Newton A.
Aircraft Layout and Detail Design. N.Y., McGraw-Hill, 1946, 2d ed. $4.50.

A revised edition of an essential text for the aircraft layout draftsman.

1876 Aviation History Unit, The
The Navy's Air War; A Mission Completed. N.Y., Harper, 1946. $3.50.

The official story of the naval air war in all its aspects.

1877 Bond, Horatio, editor
Fire and The Air War. Boston, National Fire Protection Association, 1946. $4.00.

Expert observations on fires of the war set by incendiaries and the atomic bombs.

1878 Carini, L. F. B.
Drafting for Electronics. N.Y., McGraw-Hill, 1946. $2.50.

The principles of schematic drafting as applied to electronics.

1879 Casey, Jones Cyclopedia of Aviation Terms. N.Y., McGraw-Hill, 1946. $5.00.

Accurate definitions and explanations of aviation terms useful to those engaged in design, construction, operation and repair of airplanes.

1880 Crouse, William H.
Automotive Mechanics. N.Y., McGraw-Hill, 1946. $3.60.

Fundamentals of construction, operation, testing, adjustment, repair and maintenance.

1881 Davies, W. W.
Cargo Aircraft. N.Y., Pitman, 1946. $6.00.

Fundamentals of cargo-aircraft design and operation.

1882 Dull, Raymond W.
Mathematical Aids for Engineers. N.Y., McGraw-Hill, 1946. $4.50.

A concise treatment of basic mathematical tools essential to engineers dealing with the mathematics involved in today's engineering developments.

1883 Fisher, George J. B.
Incendiary Warfare. N.Y., McGraw-Hill, 1946. $3.00,

An authoritative text on the technique of producing fire with military projectiles.

1884 Glidden, Horace K., and others
Airports: Design, Construction and Management. N.Y., McGraw-Hill, 1946. $7.00.

Covers all aspects of airport design, construction and management.

1885 Gregory, James S., and Shave, D. W.
The U.S.S.R., a Geographical Survey. N.Y., Wiley, 1946. $4.25.

A survey of the Soviet Union in relation to its geographical background.

1886 Hamlin, Benson
Flight Testing; Conventional and Jet Propelled Airplanes. N.Y., Macmillan, 1946. $5.00.

A practical handbook for the flight test engineer, the engineering test pilot and college students interested in the use or interpretation of flight test information.

1887 Howard, Clive, and Whitley, Joe
One Damned Island After Another. Chapel Hill, N.C., University of North Carolina Press, 1946. $3.50.

Official history of the Seventh Air Force told from the point of view of the men themselves. All royalties on this book will go to the AAF Aid Society.

1888 Jost, Wilhelm
Explosion and Combustion Processes in Gases. N.Y., McGraw-Hill, 1946. $7.50.

Experimental and theoretical facts underlying explosions and combustions processes in gases. Characterized as the classic German work on jet propulsion.

1889 Keenan, J. G.
Elementary Theory of Gas Turbines and Jet Propulsion. N.Y., Oxford University Press, 1946. $3.75.

Basic principles of the gas turbine involving some mathematics. Contains one chapter on aircraft jet propulsion.

1890 Klaf, A. Albert
Trigonometry Refresher for Technical Men. N.Y., McGraw-Hill, 1946. $5.00.

Using the question and answer method a practical explanation of plane and spherical trigonometry is presented.

1891 Kohn, Irving
Meteorology for All. N.Y., Barnes & Noble, 1946. $2.00.

A simple non-technical explanation of the atmosphere, air travel, forecasting and weather in general.

1892 Lackey, Earl E., and Anderson, Esther S.
Regions and Nations of the World. N.Y., Van Nostrand, 1946. $4.75.

Using the physiographic unit as the basis of geographic descriptions and interpretations the authors cover the essential geography of the world.

1893 Ogburn, William F.
Social Effects of Aviation, The. Boston, Houghton Mifflin, 1946. $5.00.

An attempt to foresee the social changes that are coming because of aviation.

1894 Petraglia, Frank A., editor
Electronic Engineering Master Index, The; A Subject Index to Electronic Engineering Periodicals, January 1935 to June 1945. N.Y., Macmillan, 1946. $6.00.

A subject index to 65 electronic engineering and allied periodicals published from January 1935 to June 1945, containing approximately 10,000 entries.

1895 Pettee, George S.
The Future of American Secret Intelligence. Washington, Infantry Journal Press, 1946. $2.00.

A consideration of the failures in intelligence and a plea for a single organization to perform this function.

1896 Sasso, John
Plastics Handbook for Product Engineers. N.Y., McGraw-Hill, 1946. $6.00.

Practical and fundamental data on plastics and synthetic rubber for designers and product engineers.

1897 Siegel, Philip
The Aircraft Mechanic: A Manual for Certificate Candidates. N.Y., Pitman, 1946. $4.00.

A manual including questions and answers on all subjects required by the CAA for the licensing of an aircraft mechanic.

1898 Smith, Edward S. C., and others
Applied Atomic Power. N.Y., Prentice-Hall, 1946. $4.00.

Simple explanation of atomic power and its possible applications to our everyday needs and purposes.

1899 *Smith, G. Geoffrey
Gas Turbines and Jet Propulsion for Aircraft. N.Y., Aircraft Books, Inc., 1946. 4th ed. $5.00.

A comprehensive treatise on a significant development in aircraft propulsion.

1900 Sundborg, George
Opportunity in Alaska. N.Y., Macmillan, 1946. $2.50.

An objective appraisal of Alaska as the land of opportunity. Invaluable to persons who contemplate going there.

1901 Ten Eyck, Andrew
Jeeps in the Sky. N.Y., Commonwealth Books, Inc. $3.00.

The story of the role of the light plane in World War II. All royalties on this book will go to the AAF Aid Society.

1902 U.S. War Department. Historical Division.
The Capture of Makin. Washington, Government Printing Office, 1946. $.35.

An account of this important Pacific operation.

1903 U.S. War Department
United States Strategic Bombing Survey, effects of atomic bombs in Hiroshima and Nagasaki. Washington, Government Printing Office, 1946. $.45.

Available facts about the power of the atomic bomb as a military weapon.

1904 U.S. Weather Bureau
Weather Glossary. Washington, Government Printing Office, 1946. $.65.

Defines words as used in relation to meteorology.

1905 Wilkie, H. Frederick
A Rebel Yells. N.Y., Van Nostrand, 1946. $3.00.

A plea for industry to welcome social improvement through change with emphasis on cultivation of the potentialities of individuals.

1906 Zacharoff, Lucien
World's Wings, The. N.Y., Duell, Sloan & Pearce, 1946. $3.00.

Discusses, the struggle that is being fought behind the scenes of the global airways and offers a program that can peacefully solve the problems of air imperialism.

1907 Zweng, Charles A.
Aeronautical Navigation. North Hollywood, Calif. Pan American Navigation Service, 1946. $4.00.

A comprehensive text on air navigation, including text material and questions helpful in preparing for government examinations.

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no. 2D

TECHNICAL PUBLICATIONS
FOR ARMY AIR FORCES
TECHNICAL LIBRARIES
BOOK LIST NO. 2D - NOVEMBER 1946

1. The following list of technical publications is issued in accordance with AAF Regulation 34-5 and is intended to serve as a guide for book selection by AAF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 2, 2A, 2B and 2C. As in the earlier lists, those titles which have been or are currrently being automatically distributed to all Technical Libraries are marked with an asterisk.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, AAF Technical Base, Wright Field, Dayton, Ohio, Attention: World-Wide Publications Distribution Section, Bldg. #281.

3. Requisitions for books which do not appear on the book lists will be considered for purchase if submitted, with justifications for the need, on AAF Form 104B, together with two copies of AAF Form 104C to Library Section, Special Services Branch, AC/AS-1, Headquarters AAF. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers listed in SB 10-87, 19 June 1946 listed by contractor.

b. Books requiring open marked procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign languages.

THE LIBRARY OF THE
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1845 Abend, Hallett
Reconquest: Its Results and Responsibilities.
N.Y., Doubleday & Co., 1946. $2.75.

As one of thirteen experienced writers chosen by the War Department for a 32,000 mile assignment to survey the entire war-touched world, the author records his experiences.

1846 Brassey's Naval Annual, 1945. (Vol. 56) N.Y., Macmillan, 1945. $6.00.

Essays on the composition and activities of the navies of the world during 1944, together with tables of dimensions, plans and silhouettes of typical warships.

1847 Brereton, Lewis H.
The Brereton Diaries. N.Y., Morrow, 1946. $4.00.

The personal, day-to-day record of our air war by an air commander who served in all major theaters.

1848 Campbell, Levin H.
The Industry-Ordnance Team. N.Y., Whittlesey House, 1946. $5.00.

The story of the cooperation of industry and ordnance in producing and delivering fighting equipment to our armed forces and our allies.

1848A Clark, Walter
Photography by Infrared, 2d ed. N.Y., Wiley, 1946. $6.00.

Principles, practice and applications of infrared photography.

1849 Cleveland, Reginald M.
Air Transport at War. N.Y., Harper, 1946. $3.50.

The story of the Air Transport Command and the Naval Air Transport Service in the war.

1850 Cooke, Elliot D.
All But Me and Thee. Washington, Infantry Journal, 1946. $2.75.

A popular account of a study made by the Army of psychiatric casualties.

1851 Cooper, Alfred M.
How to Supervise People, 2d ed. N.Y., McGraw-Hill, 1946. $2.00.

Practical manual of the principles of industrial supervision.

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1852 Crouse, William H.
Everyday Automobile Repairs. N.Y., McGraw-Hill, 1946. $3.00.

Clear, non-technical information on the operation of the automobile.

1853 Dolivet, Louis
The United Nations; A Handbook on the New World Organization. N.Y., Farrar, Straus & Co., 1946. $1.75.

An overall picture of the new world organization.

1854 Drake, Rollen H.
Aircraft Woodwork. N.Y., Macmillan, 1946. $3.50.

Suitable for use as a mechanic's manual or as a textbook in the classroom and shop.

1855 Draper, Theodore
The 84th Infantry Division in The Battle of Germany, November 1944-May 1945. N.Y., Viking Press, 1946. $5.00.

A firsthand account based largely on hundreds of pages of interviews with the actual participants.

1856 Eliot, George Fielding
The Strength We Need: A Military Program for America Pending Peace. N.Y., Viking, 1946. $3.00.

A book about the interval before peace.

1857 *Fahey, James C.
U.S. Army Aircraft, 1908-1946. N.Y., Ships and Aircraft, 1946. $1.00.

A catalog of AAF airplanes from the first flimsy pusher to the latest jets. Includes illustrations.

1858 Francis, Devon
The Story of the Helicopter. N.Y., Coward-McCann, 1946. $3.00.

Achievements in the field of helicopters with a contention by the author that this is "your personal flying machine".

1859 Frazer, R.A., and others
Elementary Matrices. N.Y., Macmillan, 1946. $4.50.

A book for the practical mathematician with many problems relating to aerodynamics.

1860 Freedman, Samuel
Two-Way Radio. Chicago, Ziff-Davis, 1946. $5.00.

Mechanics and applications of two-way radio for all forms of fixed, mobile or portable communications.

1861 Hinman, C.W.
Practical Designs for Drilling, Milling and Tapping Tools, 2d ed. N.Y., McGraw-Hill, 1946. $4.50.

Practical manual covering best methods for designing, drafting and using tools.

1862 Jane's All the World's Aircraft, 1945-1946. N.Y., Macmillan, 1946. $19.00. Vol. 34.

1863 Katz, Hyman H.
Aircraft Drafting. N.Y., Macmillan, 1946. $5.00.

A comprehensive text containing all the information needed by draftsmen in the aircraft industry.

1864 McFarland, Ross A.
Human Factors in Air Transport Design. N.Y., McGraw-Hill, 1946. $6.00.

A detailed analysis of the factors in the design of air transport planes which influence the human organism in flight.

1865 McNicol, Donald
Radio's Conquest of Space. N.Y., Murray Hill Books, 1946. $4.00.

The personalized history of what we know today as radio.

1866 Middlemiss, Ross R.
Differential and Integral Calculus, 2d ed. N.Y., McGraw-Hill, 1946. $3.25.

A revision of a standard text.

1867 Montross, Lynn

War Through the Ages. N.Y., Harper, 1946. $5.00.

A complete history of war from the early Greeks to the end of World War II.

1868 Rosenberg, Robert
Electric Motor Repair. N.Y., Murray Hill Books, 1946. $5.00.

Practical text on testing, repairing and rewinding.

1869 Sherwood, A. Wiley
Aerodynamics. N.Y., McGraw-Hill, 1946. $2.75.

Practical aspects of both theory and experiment.

1870 Still, Alfred
Communication Through the Ages. N.Y., Murray Hill Books, 1946. $2.75.

The story of man's desire to transmit his thoughts beyond the range of his own voice.

1871 *Stuart, John
Wings Over America. N.Y., Public Affairs Committee, 1946. 10¢.

A brief analysis of the future of military and commercial aeronautics.

1872 Thorner, Robert H.
Aircraft Carburetion. N.Y., Wiley, 1946. $3.50.

Fundamental principles of carburetors and related equipment.

1873 U.S. Civil Aeronautics Administration.
Army-Navy-CAA Standards for the Control of Instrument Flight Rule Traffic. Washington, Superintendent of Documents, Government Printing Office, 1946. 20¢

A manual of air traffic control procedures.

1874 Winter, William
The Model Aircraft Handbook. N.Y., Crowell, 1946. $2.50.

Complete, practical and up-to-date information on construction, design and flying technique.

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no. 2c

TECHNICAL PUBLICATIONS FOR ARMY AIR FORCES TECHNICAL LIBRARIES BOOK LIST NO.2C - AUGUST 1946

1. The following list of technical publications is issued in accordance with AAF Regulation 34-5 and is intended to serve as a guide for book selection by AAF Technical Libraries. It includes new publications which have been favorably considered for inclusion since the publication of Book Lists 2, 2A and 2B. As in the earlier lists, those titles which have been or are currently being automatically distributed to all Technical Libraries are marked with an asterisk.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B, directly to the Commanding Officer, AAF Technical Base, Wright Field, Dayton, Ohio, Attention: Publications Distribution Branch, Class 30D.

3. Requisitions for books which do not appear on the book lists will be considered for purchase if submitted, with justifications for the need, on AAF Form 104B, together with two copies of AAF Form 104C to Library Section, Special Services Branch, AC/AS-1, Headquarters AAF. To expedite consideration and procurement, separate requisitions should be submitted using the following categories:

a. Books of publishers listed in SB 10-87, 19 June 1946 listed by contractor.

b. Books requiring open market procurement.

c. Publications of Government Printing Office.

d. Obscure or hard to get items such as publications in foreign languages.

4. Attention is invited to "New Books" column in each unit of the AAF REVIEW which supplements Technical Publications for AAF Technical Libraries. Books listed therein are available by requisition on AAF Form 104B directly to the Commanding Officer, AAF Technical Base, Wright Field, Dayton, Ohio.

5. The following basic lists of periodicals, approved for AAF Technical Libraries, are furnished automatically:

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS

BASIC LIST OF PERIODICALS FOR TECHNICAL LIBRARIES AT AAF INSTALLATIONS IN ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
AAF Review
~~Air News and Air Tech~~
Air Trails
Air Transport
American Aviation
American Aviation Directory
American Machinist
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation News
Booklist
Bulletin of the American Meteorological Society
Camera
Canadian Aviation
Civil Aeronautics Journal
Command and General Staff School Military Review
Communications
Electrical Engineering
Electrical World
Electronics
Flight
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Machinery
Materials and Methods
Mechanical Engineering
Metal Finishing
Military Affairs
Military Engineer
Minicam Photography
National Aeroanutics
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
R.A.F. Quarterly
Science Digest
Science NewsLetter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
U.S. Official Postal Guide
Welding Engineer
Western Flying

BASIC LIST OF PERIODICALS FOR TECHNICAL LIBRARIES AT AAF INSTALLATIONS OUTSIDE ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Air Facts
AAF Review
~~Air News and Air Tech~~
Air Trails
Air Transport
American Aviation
American Machinist
American Photography
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Machinery
Materials and Methods
Mechanical Engineering
Metal Finishing
Military Engineer
Minicam Photography
National Aeronautics

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American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation News
Booklist
Camera
Command and General Staff
School Military Review
Communications
Electrical Engineering
Electrical World
Electronics
Flying
Infantry Journal
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
Welding Engineer
Western Flying

6. Renewals for preceding listed magazines are automatic and are generally procured for distribution at the beginning of each calendar or fiscal year.

7. Requisitions for specialized periodicals not on the basic list will be considered for procurement if submitted with proper justification on AAF Form 104B together with two copies of AAF Form 104C to Library Section, Headquarters AAF.

8. Attention is invited to library supplies (Class 25-B) as listed in Book List 2A, July 1945 now available by requisition from the 829th Specialized Depot, Gadsden, Alabama.

9. In all cases the Technical Library will be organized so that the material will be available to all personnel of the field and will not belong to any one unit.

10. Transfers of complete AAF Technical Library collections in accordance with paragraph 8, AAF Regulation 34-5 will be made only upon directions from the Library Section of Headquarters AAF. When technical books are transferred from one AAF activity to another, they will be shipped in accordance with AR 35-6800. In no case should a technical library collection as a whole be transferred to another installation as long as any AAF activity is continued at that field.

BOOKS

- A -

1783 *Aerosphere, Inc.
Aerosphere, 1945-1946. N.Y., Aerosphere, Inc., 1946. $18.75.

Includes data on the latest American and foreign planes and engines released since V-J Day.

1784 *Aircraft Year Book for 1946.
N.Y., Lanciar Publishers, Inc., 1946. $6.00.

The standard authority on American aviation.

1785 *American Radio Relay League
The Radio Amateur's Handbook. West Hartford, Conn., American Radio Relay League, 1946. $1.00.

The standard manual of amateur radio communication.

- B -

1786 Barnard, Chester I., and others
A Report on the International Control of Atomic Energy. N.Y., Doubleday & Co., 1946. $.35.

A document which provides the basis for informed public discussion as an essential factor in developing a sound policy toward atomic energy.

1787 Bridges, Clark D.
Job Placement of the Physically Handicapped. N.Y., McGraw-Hill, 1946. $3.50.

For personnel workers who hire, select, place and supervise man power.

1788 Bush, Vannevar
Endless Horizons. Washington, D.C., American Council on Public Affairs. 1946. $2.50.

Papers, official reports and articles of an outstanding American scientist.

1789 Butcher, Harry C.
My Three Years With Eisenhower. N.Y., Simon & Schuster, 1946. $5.00.

The personal diary of Captain Harry C. Butcher.

- C -

1790 Cable, Emmett J., and others
The Physical Sciences, 2nd ed. N.Y., Prentice-Hall, 1946. $4.00.

Covers many aspects of science, including radar, atom-smashing, television, and frequency modulation.

1791 Chan, Shau Wing
Concise English-Chinese Dictionary. Cal., Stanford University Press, 1946. $4.00.

Contains over 7,500 English words ranging from technical terms to a general vocabulary.

1792 Chute, George M.
Electronics in Industry. N.Y., McGraw-Hill, 1946. $5.00.

Description and practical explanation of a wide variety of electronic equipment used in industry.

1793 Considine, Robert
General Wainwright's Story. N.Y., Doubleday & Co., 1946. $3.00
The story of a great American who maintained belief in his ideals against hopeless odds.

1794 Coyne Electrical School
Coyne Electrical and Radio Dictionary and Data Book. Chicago, 1946. $1.50.

Includes electronics. radar and atomic terms.

1795 Crum, W.L., and Schumpeter, Joseph A.
Rudimentary Mathematics for Economists and Statisticians. N.Y., McGraw-Hill, 1946. $2.50.

Rudimentary ideas and operations essential to mathematical reasoning by economists and statisticians.

- D -

1796 Davis, Maxine
Through the Stratosphere. N.Y., Macmillan, 1946. $2.75.

A reporter's record of the evolution and use of devices evolved by the Air Forces for keeping flyers healthy, happy and in the air.

1797 Department of Education, International Business Machines Corporation.
Shop Terms. Syracuse, N.Y., Syracuse University Press, 1945. $1.00.

A comprehensive and authoritative reference manual.

1798 Dunn, Frederick S., and others.
The Absolute Weapon: Atomic Power and World Order. N.Y., Harcourt Brace, 1946. $2.00.

A realistic appraisal ef the effect of the atomic bomb on military science and international relations.

1799 Dykstra, Gerald O., and Dykstra, Lillian G.
The Business Law of Aviation. N.Y., McGraw-Hill, 1946. $5.00

A convenient compilation of the leading court decisions which have involved some aspect of aviation.

- F -

1800 Fitzgerald, Walter
The New Europe; an Introduction to Its Political Geography. N.Y., Harper & Brothers, 1946. $2.75.

A sound and scholarly description of the political geography of present-day Europe.

1801 *Ford, Corey, and MacBain, Alastair
The Last Time I Saw Them. N.Y., Scribner & Sons, 1946. $2.75.

The story of some remembered moments in the Air Forces. (All royalties go to the Army Air Forces Aid Society).

1802 Froesch, Charles and Walther Prokosch
Airport Planning. N.Y., John Wiley & Sons, 1946. $7.00.

A functional analysis of basic problems in planning and design.

- G -

1803 Gamow, George
Atomic Energy in Cosmic and Human Life. N.Y., Macmillan, 1946. $3.00.

The story of fifty years of radioactivity.

1804 Gaynor, Frank
International Business Dictionary. N.Y., The Philosophical Library, 1946. $6.00.

- H -

1805 Hemke, Paul E.
Elementary Applied Aerodynamics. N.Y., Prentice-Hall, 1946. $3.25.

A first course in technical applied aerodynamics.

1806 Horsley, Terrence
Soaring Flight: The Art of Gliding. N.Y., A.A. Wyn, 1946. $4.00.

Up-to-date, definitive book on motorless flight.

- I -

1807 International News Service
It Happened in 1945. N.Y., Duell, Sloan & Pearce, 1946. $3.00.

A biography of the year 1945, including happenings in science, aviation and the war.

- K -

1808 Klein, David
The Army Writer; a Guide to Military Writing. Harrisburg, Pa., Military Service Publishing Co., 1946. $2.50.

A practical guide written with wit and discrimination.

1809 Knauth, Percy
Germany in Defeat. N.Y., Alfred A. Knopf, 1946. $2.75.

The outer face and the inner character of the broken Reich.

1810 Korff, Serge A.
Electron and Nuclear Counters. N.Y., D. Van Nostrand & Co., 1946. $3.00.

Summary of theory of the discharge mechanism and the practical operation of various types of counters.

1811 Kuns, Ray F., and Plumridge, Tom C.
Automobile Engines: Construction, Care, and Repair of Automobile Engines, Carburetors, and Cooling Manifold Systems. Chicago, American Technical Society, 1946. $4.75.

Fundamentals of automobile engines.

1812 Kuns, Ray F., and Plumridge, Tom C.
Automobile Fundamentals; Chassis and Power Transmission. Chicago, American Technical Society, 1946. $4.75.

Covers construction, care and repair.

- L -

1813 Landstrom, Russell
The Associated Press News Annual: 1945, Vol. I. N.Y., Rinehart & Co., 1946. $4.00.

The story of the year, in word and picture, from AP dispatches.

1814 Laurence, William L.
Dawn Over Zero; the Story of the Atomic Bomb. N.Y., Alfred Knopf, 1946. $3.00.

A newspaper man's account telling the full story of the atomic bomb.

1815 *Lee, Asher
The German Air Force. N.Y., Harper & Brothers, 1946. $3.50.

The story of the Luftwaffe from its beginning to the ignominious end.

1816 Lincoln, Edwin S.
Industrial Electric Lamps and Lighting. N.Y., Duell, Sloan & Pearce, 1945. $3.00.

Detailed instructions on lighting, including emergency lighting and equipment.

- M -

1817 Massachusetts Institute of Technology. Radar School.
Principles of Radar, 2d ed. N.Y., McGraw-Hill, 1946. $5.00.

Principles and applications of radar which were given for members of the Armed Forces at the Radar School of the Massachusetts Institute of Technology.

1818 Miller, Francis T.
History of World War II. Philadelphia, The John C. Winston Co., 1945. $5.00.

A narrative story of World War II intended to be complete authoritative and definitive.

1819 Miller, Frederic H.
Calculus, 2nd ed. N.Y., John Wiley & Sons, 1946. $3.50.

Basic concepts and methods.

1820 Miller, Merle and Spitzer, Abe.
We Dropped the A-Bomb. N.Y., Thomas Y. Crowell, 1946. $2.00.

The radio operator of the Great Artiste, one of the three planes that flew the Hiroshima and Nagasaki Missions, gives a first hand account of the bombings.

1821 Miller, Thomas H., and Brumitt, Wyatt.
This is Photography; Its Means and Ends. Garden City, N.Y., Garden City Publishing, 1945. $2.00.

Photographic fundamentals on a wide range of topics.

1822 Millis, Walter
The Last Phase. N.Y., Houghton-Mifflin, 1946. $2.50.

A brief, lucid account of the events in the Western European Theater from 6 June 1944 to 8 May 1945.

- N -

1823 Nelson, Jr., Otto L.
National Security and the General Staff. Washington, Infantry Journal, 1946. $5.00.

The development of the General Staff and the War Department with emphasis on World War II and the period of preparation for the war.

- P -

1824 Potter, Robert D.
The Atomic Revolution. N.Y., Robert McBride & Co., 1946. $3.50

A popular, well illustrated account of atomic energy.

1825 Pyle, Ernie
Last Chapter. N.Y., Holt, 1946. $2.50.

A brief record which completes Ernie Pyle's report on the war.

- R -

1826 Ratcliff, John D.
Science Yearbook of 1946. N.Y., Doubleday & Co., 1946. $2.50.

A record of scientific progress during the war years.

1827 Reves, Emery
The Anatomy of Peace. N.Y., Harper & Brothers, 1946. $2.00.

A plea for universal law as the most urgent need of the world today.

1828 Rider, John F.
Inside the Vacuum Tube. N.Y., John F. Rider, 1946. $4.50.

Theory and operation of the basic types of vacuum tubes.

1829 Rider, John F., and Rowe, G.C.

Radar; What It Is. N.Y., John F. Rider, 1946. $1.00.

A simple explanation of the underlying principles of radar.

1830 Roget's International Thesaurus (new ed). N.Y., Thomas Y. Crowell, 1946. $4.00.

A standard reference book on the English language.

- S -

1831 Sokolnikoff, I. S.
Mathematical Theory of Elasticity. N.Y., McGraw-Hill, 1946. $4.50.

A mathematical view of the basic theory of mechanics of deformable media.

- T -

1832 U.S. Civil Aeronautics Administration.
Army-Navy CAA Standard Airport Traffic Control Procedures. Washington, Superintendent of Documents, Government Printing Office, 1946. $.35.

A manual to standardize the operation of all airport traffic control towers.

1833 *U.S. Congress. House Committee on Pensions.
State Veterans Laws, Revised to July 1, 1945. (House Committee Print No. 8, 79th Congress, 1st Session). Washington, Superintendent of Documents, Government Printing Office, 1946. $.40.

A compilation of state laws concerning veterans.

1834 U.S. Office of Aviation Information.
Statistical Handbook of Civil Aviation. Washington, Superintendent of Documents, Government Printing Office, 1946. $.25.

- V -

1835 Vale, John W. Jr.
The Aviation Mechanic's Engine Manual with Questions and Answers. N.Y., McGraw-Hill, 1946. $5.00.

A manual designed for those making final preparation for their CAA A and E examinations.

1836 Van Valkenburg, Samuel
Peace Atlas of Europe. N.Y., Duell, Sloan & Pearce, 1946. $2.00.

An analysis of the problems involved in peace for Europe.

- W -

1837 *Wilkinson, Paul H.
Aircraft Engines of the World, 1946. N.Y., Paul H. Wilkinson, 1946. $9.00.

An international reference book devoted exclusively to aircraft engines. Part II covers jet propulsion engines including specifications and photographs.

1838 Williams, H. L.
Fundamentals of Aviation. Philadelphia, Blakiston Co., 1946. $1.00.

A basis popular account of aviation and its most recent developments.

1839 The John C. Winston Co.
The Winston Dictionary, College Edition. Philadelphia, The John C. Winston Co., 1946. $3.50.

A modern up-to-date dictionary on the college level.

1840 Wolfe, John H., Mueller, William F., and Mullikin, Seibert D.
Industrial Algebra and Trigonometry. N.Y., McGraw-Hill, 1945. $2.20.

Emphasizes industrial applications.

- Y -

1841 Yates, Raymond F.
The Working Electron. N.Y., Harper & Brothers, 1946. $2.50.

Fundamentals of electronics from the automatic door to the atomic bomb.

1842 *Young, Victor J.
Understanding Microwaves. N.Y., John F. Rider, 1946. $6.00.

Fundamentals of microwave radio and radar.

- Z -

1843 Zacharoff, Lucien
Vital Problems of Air Commerce. N.Y., Duell, Sloan & Pearce, 1946. $3.00.

A clarification of many problems posed by international air transportation.

1844 Ziff, William B.
Two Worlds. N.Y., Harper & Brothers, 1946. $3.00.

A realistic approach to the problems of keeping the peace.

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no. 2b

TECHNICAL PUBLICATIONS FOR ARMY AIR FORCES TECHNICAL LIBRARIES
BOOK LIST NO.2B - APRIL 1946

1. The following list of technical publications is issued in accordance with AAF Regulation 34-5 and is intended to serve as a guide for book selection by AAF Technical Libraries. It includes new aeronautical publications which have been favorably considered for inclusion since the publication of Book Lists 2 and 2A. As in the earlier lists, those titles which have been or are currently being automatically distributed to all Technical Libraries are marked with an asterisk.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the librarian in charge of the Technical Library at each installation. It is suggested that the list be called to the attention of personnel interested in various types of aviation material for their recommendations. It should be understood that these items are purchased from a special allotment available for technical books and periodicals, and do not involve the expenditure of base funds. Requisitions for books listed herein should be submitted on AAF Form No. 104B to the Commanding Officer, AAF Technical Base, Wright Field, Dayton, Ohio, Attention: Publications Distribution Branch, FASPD6.

3. Requisitions for books which do not appear on approved book lists will be considered for purchase if submitted, with justifications for the need of the publications, to Library Section, Special Services Branch, AC/AS-1, Headquarters AAF.

4. The following basic lists of periodicals, approved for AAF Technical Libraries, are furnished automatically:

BASIC LIST OF PERIODICALS FOR TECHNICAL LIBRARIES AT AAF INSTALLATIONS IN ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air News
Air Tech
Air Trails
Air Transport
American Aviation
American Aviation Directory
American Machinist
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation News
Aviation Review
Booklist
Bulletin of the American Meteorological Society
Camera
Canadian Aviation
Civil Aeronautics Journal
Command and General Staff School Military Review
Communications
Electrical Engineering

THE LIBRARY OF THE
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UNIVERSITY OF ILLINOIS

Electrical World
Electronics
Flight
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Machinery
Materials and Methods
Mechanical Engineering
Metal Finishing
Military Affairs
Military Engineer
Minicam Photography
National Aeronautics
Our Army
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
U.S. Official Postal Guide
Welding Engineer
Western Flying

BASIC LIST OF PERIODICALS FOR TECHNICAL LIBRARIES AT AAF INSTALLATIONS OUTSIDE ZONE OF INTERIOR

Aero Digest
Aeronautical Engineering Review
Air Facts
Air Force
Air News
Air Tech
Air Trails
Air Transport
American Aviation
American Machinist
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation News
Booklist
Camera
Command and General Staff School Military Review
Communications
Electrical Engineering
Electrical World
Electronics
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Machinery
Materials and Methods
Mechanical Engineering
Metal Finishing
Military Engineer
Minicam Photography
National Aeronautics
Our Army
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
Welding Engineer
Western Flying

027.66
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no.2b

AVA Journal and News Bulletin
Adult Education Journal
Education Digest
Educational and Psychological Measurement
Hygeia
Industrial Arts and Vocational Education
Natural History
Occupations
Science Digest
Vocational Trends

These lists formerly appeared in T.O. 00-25-14

5. Renewals for preceding listed magazines are automatic and are generally procured for distribution at the beginning of each calendar or fiscal year.

6. In all cases the Technical Library will be organized so that the material will be available to all personnel of the field and will not belong to any one unit.

7. Transfers of complete AAF Technical Library collections will be made only upon directions from the Library Section of Headquarters AAF. When technical books are transferred from one AAF activity to another, they will be shipped in accordance with AR 35-6800. In no case should a technical library collection as a whole be transferred to another installation as long as any AAF activity is continued at that field.

BOOKS

-A-

1676 Adamson, Hans C.
Eddie Rickenbacker. N.Y., Macmillan Co., 1946. $2.75

1677 Aero Publishers
Civil Air Regulations for A-and-E Mechanics; Requirements for C.A.A. Certification. Los Angeles, Cal., Aero Publishers, 1944. $2.50.

1678 Aero Publishers
Civil Air Regulations for Pilot Certification; Requirements for C.A.A. Certification. Los Angeles, Cal., Aero Publishers, 1945. $1.50.

1679 Allen, J.S.
Astronomy, What Everyone Should Know. Indianapolis, Bobbs-Merrill, 1945. $2.50

1680 Anderson, Edwin P
Audels Questions and Answers for Electricians Examinations for All Grades. N.Y., Audel, 1944. $1.00.

1681 Atherton, Ralph
Principles of Radio for Operators N.Y., Macmillan, 1945. $3.75.

1682 Aviation Equipment Red Book. N.Y., Haire Publishing Co., 1945. $3.00. 1945-1946 ed.

6-6555,AF

-B-

1683 Benham, R.E
Aerial Navigation. N.Y., Wiley, 1945. $4.00.

1684 Berry, F.A., and others.
Handbook of Meteorology. N.Y., McGraw-Hill, 1945. $7.50.

1685 Bond, Fred
Kodachrome and Kodacolor from All Angles. San Francisco, Camera Craft, 1945. $6.50. 2d ed.

1686 Boynton, Paul
Six Ways to Get a Job. N.Y., Harper & Brothers, 1945. $1.50.

1687 *Brinkley, Russ
Your Post-War Place in Aviation. N.Y., Aviation Press, Inc., 1946 $.50

1688 Brookes, Vincent J., and Alyea, Hubert N.
Poisons, Their Chemical Identification and Emergency Treatments. N.Y., D. Van Nostrand Co., 1946. $3.00.

-C-

1689 Carter, G.W.
The Simple Calculation of Electrical Transients. N.Y., Macmillan, 1945 $1.75.

1690 Cave, Hugh B.
Wings Across the World. N.Y., Dodd, Mead, 1945. $2.50.

1691 Chapel, Charles Edward
Aircraft Electricity for the Mechanic. N.Y., Coward-McCann, 1946. $5.00.

1692 Cleveland, Reginald M., and Graham, Frederick P.
The Aviation Annual of 1946. N.Y., Doubleday, 1946. $4.00.

1693 Colvin, Fred H.
Standard and Emergency Shop Methods. N.Y., McGraw-Hill, 1945. $3.50.

1694 Colvin, Fred H., And Stanley, F.A.
American Machinists' Handbook - 8th ed. N.Y., McGraw-Hill, 1945. $6.00.

1695 Cooke, David C.
The Aircraft Annual 1946. N.Y., Robert McBride 1946. $3.00.

1696 Cooke, David C.
Guide to Model Aircraft. N.Y., Robert McBride 1945. $3.00.

1697 Cooke, David C.
Model Plane Annual, 1945. N.Y., Robert McBride, 1945. $3.00. Vol. 4.

1698 Cooke, N.M., and Markus, John.
Electronics Dictionary: An Illustrated Glossary of Over 6,000 Terms. N.Y., McGraw-Hill, 1945. $5.00.

-D-

1699 Davis, Kenneth
Soldier of Democracy. N.Y., Doubleday, 1945. $3.50.

1700 DeMont, Jack A., and Pike, R.C.
Uranium and Atomic Power. N.Y., Chemical Publishing Co., 1945. $4.00.

1701 Dietz, David
Atomic Energy in the Coming Era. N.Y., Dodd, Mead, 1945. $3.00.

1702 DuBois, John H.
Plastics. Chicago, American Technical Society, 1945. $4.00. 3d ed.

1703 DuBois, John H., and Pribble, W.I.
Plastics Mold Engineering. Chicago, American Technical Society, 1946. $7.00.

1704 Dunlap, Orrin E., Jr.
Radar. What Radar is and How it Works. N.Y., Harper & Brothers, 1946. $3.00.

-E-

1705 Eckman, Donald P.
Principles of Industrial Process Control. N.Y., Wiley, 1945. $3.50.

1706 Ellis, Carleton, and Swaney, Miller W.
Soilless Growth of Plants; Use of Nutrient Solutions, Water, Sand, Cinder, etc. N.Y., Reinhold, 1938. $2.75.

-F-

1707 Fern, George H., and Robbins, Elden B.
Teaching with Films. Milwaukee, Bruce Publishing Co., 1946. $1.75.

1708 Fitch, Willis S.
Wings in the Night. Boston, Marshall Jones, 1938. $2.00.

1709 Fitzgerald, A.E.
Basic Electrical Engineering: Circuits, Machines, Electronics. N.Y., McGraw-Hill, 1945. $3.75.

6-6555,AF

1710 Francis, Devon
Aviation: What Everyone Should Know. Indianapolis, Bobbs-Merrill, 1945. $2.50.

1711 Fuller, J.F.C
Argument and History. N.Y., Scribner's & Sons, 1945. $2.50.

-G-

1712 Gardiner, Glenn L.
How You Can Get a Job. N.Y., Harper & Brothers, 1945. $1.50. Postwar ed.

1713 Graumont, Raoul
Handbook of Knots. N.Y., Cornell Maritime Press, 1945. $1.75.

1714 Griffin, Alexander H.
Out of Carnage. N.Y., Howell, Soskin, 1945. $3.00.

1715 Grinker, Roy R., and Spiegel, J.P.
Men Under Stress. Philadelphia, Blakiston, 1945. $5.00.

-H-

1716 Hagen, Louis E.
Arnhem Lift; Diary of a Glider Pilot. N.Y., Farrar & Rinehart, 1945. $1.00.

1717 Hager, Alice R.
Wings for the Dragon: The Air War in Asia. N.Y., Dodd, Mead, 1945. $3.00.

1718 Hawley, G.G., and Liefson, S.W.
Atomic Energy in War and Peace. N.Y., Reinhold, 1945. $2.50.

1719 Henry, J.F.
Your Future in Aviation. N.Y., Prentice-Hall, 1945. $3.00.

1720 Hooper, Alfred
The River Mathematics. N.Y., Holt, 1945. $3.75.

1721 Hoslett, S.D.
Aspects of Army Depot Administration; Papers on Administration at the Kansas City Quartermaster Depot, Army Service Forces. N.Y., American Historical Co., Inc., 1945. $2.00.

1722 Hough, Donald and Arnold, Elliott
Big Distance. N.Y., Duell, Sloan & Pearce, 1945. $3.00.

1723 Hubbell, Richard W.
Television Programming and Production. N.Y., Rinehart & Co., 1945. $3.00.

6-6555,AF

-J-

1724 Johnson, Julia E.
Peacetime Conscription. N.Y., H. W. Wilson, 1945. $1.25.

1725 *Johnson, Melvin M., and Haven, C.T.
Automatic Weapons of the World. N.Y., Morrow, 1945. $7.50.

-K-

1726 Karig, Walter, and others.
Battle Report: The Atlantic War. N.Y., Rinehart, 1946. $3.50.

1727 Keenan, Joseph H., and Kaye, Joseph
Thermodynamic Properties of Air. N.Y., Wiley, 1945. $2.25

1728 King, Ronold W.P., and others.
Transmission Lines Antennas and Wave Guides. N.Y., McGraw-Hill, 1945. $3.50.

1729 Kiver, Milton S.
Television Simplified. N.Y., D. Van Nostrand Co., 1946. $4.75.

-L-

1730 Laird, Donald A.
The Technique of Personal Analysis. N.Y., McGraw-Hill, 1945 $3.00.

1731 Lampbell, Millard
The Long Way Home. N.Y., Julian Messner, 1946. $2.50.

1732 Lay, Beirne
I've Had It: the Survival of a Bomb Group Commander. N.Y., Harper & Brothers, 1945. $2.00.

1733 Leigh, Randolph
48 Million Tons to Eisenhower; the Role of the SOS in the Defeat of Germany. Washington, Infantry Journal, 1945. $2.00.

1734 Lincoln, E.S.
Primary and Storage Batteries. N.Y., Duell, Sloan & Pearce, 1945. $3.00.

1735 Lyon, Leverett S., and Serrell, Lewis C.
Prospects and Problems in Aviation: A Series of Papers Presented at the Chicago Forum on Aviation. Chicago, Chicago Association of Commerce, 1945. $2.00.

1736 McInnis, Edgar
The War: Fifth Year. N.Y., Oxford University Press, 1945. $2.50.

1737 Mackenzie, DeWitt
Men Without Guns. Philadelphia, Blakiston, 1945. $5.00.

1738 Maleev, V.L.
Internal Combustion Engines. N.Y., McGraw-Hill, 1945. $5.00.

1739 Markey, Morris
Well Done! An Aircraft Carrier in Battle Action. N.Y., Appleton-Century, 1945 $2.75.

1740 Markus, John and Zeluff, Vin
Electronics for Engineers. N.Y., McGraw-Hill, 1945. $6.00.

1741 Marshall, George C.
Selected Speeches and Statements of General of the Army George C. Marshall. Washington, Infantry Journal, 1945. $2.75.

1742 Marshall, S.L.A
Bastogne. Washington, Infantry Journal, 1946. $3.00.

1743 Mason, J. Philip, and Manning, Joseph F.
The Technology of Plastics and Resins. N.Y., D. Van Nostrand, 1945. $5.50

1744 *Masters, Dexter, and Way, Katherine
One World Or None. N.Y., Whittlesey House, 1946. $1.00.

1745 Miller, Wayne
Radio Operators Code Manual. Chicago, Ziff-Davis Publishing Co., 1945. $2.00.

1746 Miller, Wayne
Radio Operators License Manual. Chicago, Ziff-Davis Publishing Co., 1945. $2.00. 3d ed.

1747 Mills, John
The Engineer in Society. N.Y., D. Van Nostrand Co., 1946. $2.50

1748 Modley, Rudolph
Aviation Facts and Figures, 1945. N.Y., McGraw-Hill, 1945. $2.50.

-N-

1749 National Fire Protection Association
Airplane Crash Fire Fighting Manual. Boston, National Fire Protection Association, 1945. $1.00.

1750 Nickerson, Hoffman
Arms and Policy, 1939-1944. N.Y., Putnam's, 1945. $3.50.

-O-

1751 Ohart, Theodore C.
Elements of Ammunition. N.Y., Wiley, 1946. $6.00.

1752 O'Neill, John J.
You and the Universe. N.Y., Ives Washburn, 1946. $3.50.

1753 Ott, Lester
The Standard Guide to Private Planes. N.Y., George W. Stewart, 1945 $2.00.

-P-

1754 Page, Robert C.
Air Commando Doc N.Y., Ackerman, 1945. $2.50

1755 Peckham, Betty C.
Women in Aviation. N.Y., Nelson, 1945. $2.50.

1756 Pratt, Fletcher
Night Work: The Story of Task Force 39 N.Y., Henry Holt & Co., 1945. $2.75.

1757 Prosser, David G.
Journey Underground. N.Y., Dutton, 1945. $2.75.

-R-

1758 Radzinsky, Harry
Making Patent Drawings. N.Y., Macmillan Co., 1945. $3.00

1759 Robertson, John K.
Atomic Artillery and the Atomic Bomb. N.Y., D. Van Nostrand Co., 1945. $2.50.

1760 Rost, O. Fred
Going into Business for Yourself. N.Y., McGraw-Hill, 1945. $3.00.

1761 Rouse, Hunter
Elementary Mechanics of Fluids. N.Y., Wiley & Sons, 1945 $4.00.

-S-

1762 Schaaf, William L.
Algebra for Home Study. Philadelphia, Blakiston, 1945. $1.60.

1763 Scott, Robert L., Jr
Runway to the Sun. N.Y., Scribner's & Sons, 1945. $2.50.

6-6555,AF

1764 Sherrod, Robert
On to Westward. N.Y., Duell, Sloan & Pearce, 1945. $3.00.

1765 Shugg, Roger W., and DeWeerd, H. A.
World War II - A Concise History. Washington, Infantry Journal, 1946. $3.00.

1766 Smith, Carl E.
Applied Mathematics for Radio and Communication Engineers. N.Y., McGraw-Hill, 1945. $3.50.

1767 Smyth, Henry D.
Atomic Energy for Military Purposes. Princeton, N.J., Princeton University Press, 1945. $1.25.

1768 Society of Automotive Engineers.
Society of Automotive Engineers S.A.E. Handbook. N.Y., Society of Automotive Engineers, 1945. $5.00.

1769 Spero, Sterling D.
Government Jobs and How to Get Them. Philadelphia, Lippincott, 1945. $2.75.

1770 Steichen, Edward J.
Power in the Pacific; A Pictorial Record of Navy Combat Operations on Land, Sea and in the Sky. N.Y., U.S. Camera, 1945. $1.00.

1771 Sticker, Henry
The Art of Calculation. N.Y., Essential Books, 1945. $2.00

1772 Stokley, James
Electrons in Action. N.Y., Whittlesey House, 1946. $3.00

-T-

1773 Thompson, James E.
Aircraft Production Design. San Carlos, Cal., Aviation Press, 1945. $5.00.

1774 Treacy, John
Production Illustration: The Techniques and Applications of Perspective Engineering Drawings. N.Y., Wiley, 1945. $4.00.

1775 Turner, William P.
Machine-Tool Work, Fundamental Principles, N.Y., McGraw-Hill, 1945. $3.00. 2d ed.

-V-

1776 Vocational Guidance Research.
500 Postwar Jobs for Men. Garden City, N.Y., Doubleday, 1945. $2.50.

1777 Wagener, Albert M., and Arthur, H.R.
The Machinists' and Draftsmen's Handbook. N.Y., D. Van Nostrand, 1945. $4.50.

1778 Walker, James, and Taylor, Carl C.
Simplified Punch and Diemaking. N.Y., Macmillan Co., 1946. $5.00.

1779 Williams, Henry L.
The Fundamentals of Electronics, and Their Applications in Modern Life. Philadelphia, Blakiston, 1945. $3.69.

1780 Williams, Henry L.
The Fundamentals of Radio and How They are Applied. Philadelphia, Blakiston, 1945. $3.69.

1781 Wolfe, Bernard
Plastics: What Everyone Should Know. Indianapolis, Bobbs-Merrill, 1945. $2.50.

-Z-

1782 Zwang, Charles A
Aeronautical Training: "A Quiz System". North Hollywood, Cal., Pan American Navigation Service, 1945. $3.00.

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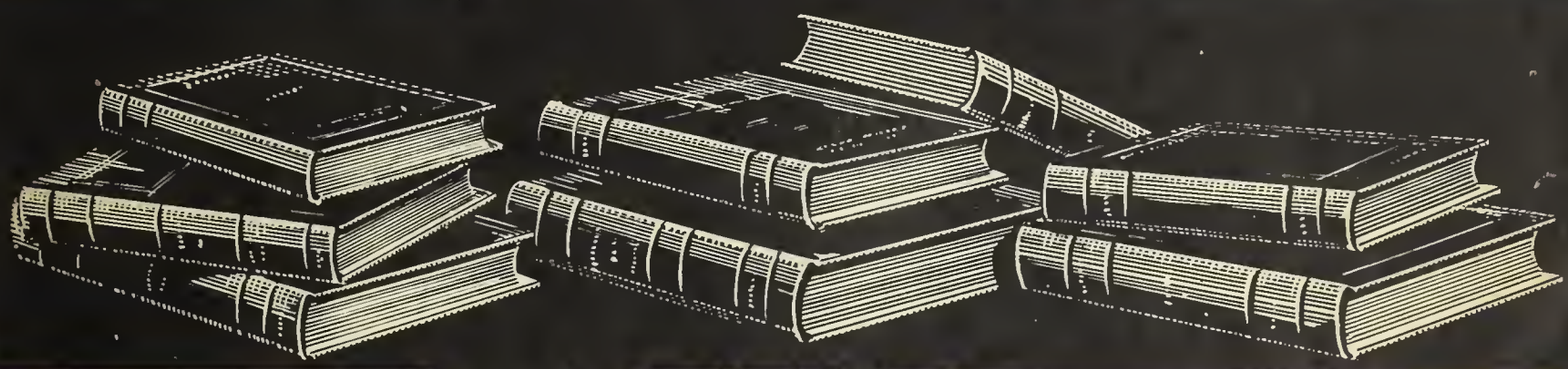
TECHNICAL PUBLICATIONS FOR ARMY AIR FORCES FIELD TECHNICAL LIBRARIES



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BOOK LIST NO. 2A JULY 1945

TECHNICAL PUBLICATIONS FOR ARMY AIR FORCES FIELD TECHNICAL LIBRARIES

1. The following list of technical publications is issued in accordance with AAF Regulation 50-9 (11 December 1944) and is intended to serve as a guide for book selection by AAF Field Technical Libraries. It includes:

a. Changes in bibliographic information (corrections or new editions) concerning titles which appeared in Book List 2.

b. New aeronautical publications which have appeared or have been favorably considered for inclusion in the list since the publication of Book List 2. As in the earlier lists, those titles which have been or are currently being automatically distributed to most Technical Libraries are marked with asterisks. For the convenience of the field libraries desiring to use them, Dewey Decimal Classification numbers have been added at the end of each entry.

c. A title list which records alphabetically by brief title all the books in the author list, with an item number reference to the full citation.

d. A subject index to the author list.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the Officer in Charge of the Technical Library at each installation. It is suggested that the list be called to the attention of officers interested in the various types of material for their recommendations. It should be understood that this material is purchased from a special allotment available for technical books and periodicals, and does not involve the expenditure of local funds. Requisitions should be submitted to the Commanding Officer, 836th AAF Specialized Depot, State Fairgrounds, Indianapolis 5, Indiana, Attention: Assistant Depot Supply Officer (Class 30-D), in accordance with paragraph 4a of AAF Regulation 50-9 (11 December 1944). As stated in that regulation, supplements to this revised list will be issued periodically.

3. The basic lists of periodicals approved for AAF Field Technical Libraries are furnished automatically, in accordance with the following lists:

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"A" LIST

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Aeroplane
Aeroplane Spotter
Aircraft Engineering
Aircraft Production
Air Facts
Air Force
Air News
Air Tech
Air Trails
Air Transport
American Aviation
American Aviation Directory
American Machinist
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation Engineer Notes
Aviation Equipment
Aviation News
Aviation Review
Booklist
Bulletin of the American Meteorological Society
Camera
Canadian Aviation
Civil Aeronautics Journal
Command and General Staff School Military Review
Communications
Electrical Engineering
Electrical World
Electronics
Fighting Forces
Flight
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Journal of Research of the National Bureau of Standards
Library Journal
Machinery
Mechanical Engineering
Metal Finishing
Metals and Alloys
Military Affairs
Military Engineer
Minicam Photography
National Aeronautics
Official Guide of the Airways
Official Guide of the Railways and Steam Navigation Lines of the U. S.
Our Army
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
R.A.F. Quarterly
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
U.S. Official Postal Guide
Welding Engineer
Western Flying

"B" LIST

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Air Force
Air News
Air Trails
American Aviation
American Aviation Directory
American Rifleman
Army and Navy Journal
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation Equipment
Aviation News
Aviation Review
Booklist
Canadian Aviation
Civil Aeronautics Journal
Electronics
Flying
Infantry Journal
Journal of Aeronautical Sciences
Journal of Aviation Medicine
National Aeronautics
Official Guide of the Airways
Official Guide of the Railways and Steam Navigation Lines of the U.S.
Popular Mechanics
Popular Photography
Radio
Radio News
Scientific American
Technical Book Review Index
U.S. Air Services
U.S. Official Postal Guide

"C" LIST

Aero Digest
Aeronautical Engineering Review
Aeronautics (British)
Air Force
Air News
American Aviation
American Aviation Directory
Army and Navy Journal
Army Ordnance
Aviation
Aviation Equipment
Aviation News
Aviation Review
Booklist
Civil Aeronautics Journal
Flying
Journal of Aeronautical Sciences
Official Guide of the Airways
Official Guide of the Railways and Steam Navigation Lines of the U.S.
Popular Mechanics
Popular Photography
Radio
Radio News
Technical Book Review Index
U.S. Air Services
U.S. Official Postal Guide

"D" LIST

PERIODICALS FOR TECHNICAL LIBRARIES AT ARMY AIR FORCES INSTALLATIONS OUTSIDE LIMITS OF UNITED STATES

Aero Digest
Aeronautical Engineering Review
Air Facts
Air Force
Air News
Air Tech
Air Trails
Air Transport
American Aviation
American Machinist
American Photography
American Rifleman
Army and Navy Journal
Army and Navy Register
Army Ordnance
Automotive and Aviation Industries
Aviation
Aviation Engineer Notes
Aviation Equipment
Aviation News
Booklist
Camera
Command and General Staff School Military Review
Communications
Electrical Engineering
Electrical World
Electronics
Flying
Infantry Journal
Instruments
Journal of Aeronautical Sciences
Journal of Aviation Medicine
Machinery
Mechanical Engineering
Metal Finishing
Metals and Alloys
Military Engineer
Minicam Photography
National Aeronautics
Our Army
Popular Mechanics
Popular Photography
Popular Science
Q.S.T.
Radio
Radio News
Science Digest
Science News Letter
Scientific American
Scientific Monthly
Sheet Metal Worker
Skyways
Southern Flight
Technical Book Review Index
U.S. Air Services
Welding Engineer
Western Flying

"E" LIST

FOR CONVALESCENT HOSPITAL BRANCH TECHNICAL LIBRARIES

AVA Journal and News Bulletin
Adult Education Journal
American Photography
Education Digest
Education for Victory
Educational and Psychological Measurement
Educational Film Catalog
Educational Screen
Hygeia
Industrial Arts and Vocational Education
Journal of Education Psychology
Journal of Health and Physical Education
Manpower Review
Monthly Labor Review
Natural History
Occupations
School and Society
Science Digest
Vocational Trends

These lists formerly appeared in T.0.00-25-14.

4. Renewals for preceding listed magazines are automatic and are procured for distribution at the beginning of each calendar year. No interim procurement for subscriptions will be made except at the beginning of each fiscal year.

5. Library supplies have been recently added to the Stock List for Class 25-B and are included in Stock List Addendum, Class 25-B, Office Supplies (S-25-B-1), dated 16 January 1945. This material is subject to requisition from all AAF installations, both continental and overseas, and requisitions should be addressed to the Commanding General, Fairfield Air Technical Service Command, Patterson Field, Fairfield, Ohio, Attention: Class 25-B. Stock numbers and nomenclature for the available materials are listed below:

8700-066100	BOOK, ACCESSION
8700-160162	CARDS, BOOK (WHITE LIGHTWEIGHT)
8700-160163	CARDS, ALPHABETIC GUIDES (PLAIN BUFF)
8700-160165	CARDS, CATALOG, GUIDES BLANK (BUFF THIRD CUT)
8700-160167	CARDS, CATALOG (PLAIN MEDIUM WEIGHT)
8700-160500	CARDS, DATE (WHITE MEDIUM WEIGHT)
8700-276300	DATER PENCIL (LONG REACH PENCIL ATTACHMENT)
8700-276350	DATE, RUBBER SET
8700-388825	LABEL, GUMMED (OBLONG PAPER)
8700-574030	POCKETS, BOOK (MEDIUM WEIGHT)
8700-860200	TISSUE, MENDING (TRANSPARENT TISSUE STRIPS)

NOTE: Attention is invited to the fact that in accordance with AAF Regulation 50-9, paragraph 7a(3), the Army Air Forces Library is responsible for "Recommendations governing the activation of new field technical libraries . . . and determinations governing the transfer of library materials in instances where AAF activities are discontinued." In the latter case, it is requested that the Officer-in-Charge of the Field Technical Library involved inform this office as soon as any change is contemplated. This information should be addressed as follows: Commanding General, Army Air Forces, Washington 25, D. C., Attention: Air Adjutant General, Library Branch. It should be pointed out that an AAF Technical Library should be so set up that the material will be available to all personnel of the field or base, and not belong to any one unit. For this reason a Field Technical Library is not ordinarily inactivated when separate units are transferred. However, if the field or base is to be completely abandoned, with no Air Forces activity remaining there, this office should be informed as instructed above. In no case should an entire Technical Library collection be transferred from a station without first consulting the headquarters office, referred to above.

CHANGES IN BOOK LIST II

(new editions, price changes, corrections, etc.)

11* *Aircraft Yearbook.* N.Y., Aeronautical Chamber of Commerce of America, 1945. $6.00. Vol. 27. 629.130

53* American Radio Relay League. *Radio Amateur's Handbook.* West Hartford, Conn., American Radio Relay League, 1945. $1.00. 22d ed. 621.38

86* Dropped from Book List.

180 *Brassey's Naval Annual, 1944.* N.Y., Macmillan, 1945. $5.00. Vol. 55. 359.05

307* Crispin, Frederic S. *Dictionary of Technical Terms.* Milwaukee, Bruce, 1945. $2.50. 6th ed. 603.

588 Henney, Keith. *Principles of Radio.* N.Y., Wiley, 1945. $3.50. 5th ed. 621.38

783 Dropped from Book List.

1035 *Plastics Catalog, the 1945 Encyclopedia of Plastics.* N.Y., Plastics Catalogue Corporation, 1945. $6.00. 668.

1178 Simonds, Herbert R. *Industrial Plastics.* N.Y., Pitman, 1945. $5.00. 3d ed. 668.

1313* U.S. Bureau of Aeronautics (Navy Dept.). *Air Navigation.* N.Y., McGraw-Hill, 1943-45. $10.25. Pts. 1-7. (Flight Preparation Training Series) 629.132

1329 U.S. Government Printing Office. *Style Manual.* Washington, Government Printing Office, 1945. $1.50. rev. ed. 655.25

1418* Wilkinson, Paul H. *Aircraft Engines of the World, 1945.* N.Y., Paul H. Wilkinson, 1945. $8.50. rev. ed. 629.134

NEW TITLES

- A -

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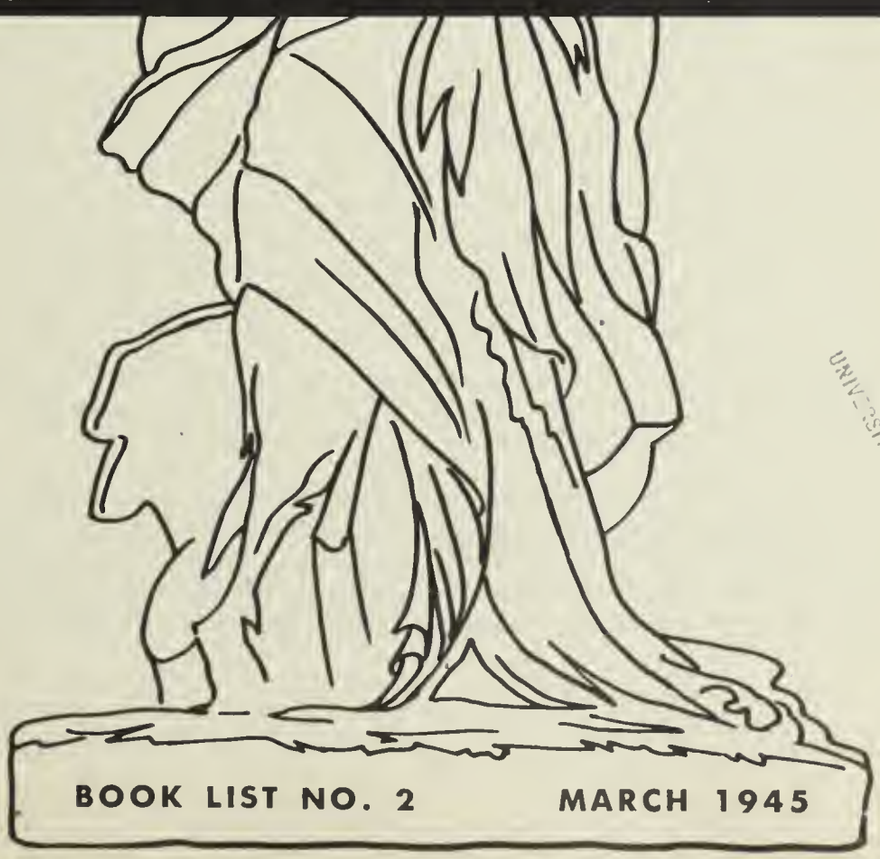

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1. The following list of technical publications is issued in accordance with AAF Regulation 50-9 (11 December 1944) and is intended to serve as a guide for book selection by the AAF Field Technical Libraries. It includes:

a. An author list which is a complete revision of the original Book List 1, and its two supplements, 1A and 1B. This list also includes new aeronautical publications which have appeared or have been favorably considered for inclusion in the list since the publication of Book List 1B (see below). As in the earlier lists, those titles which have been or are currently being automatically distributed to most Technical Libraries are marked with asterisks. For the convenience of the field libraries desiring to use them, Dewey Decimal Classification numbers have been added at the end of each entry.

b. A title list which records alphabetically by brief title all the books in the author list, with an item number reference to the full citation.

c. A subject index to the author list.

2. As was true of the earlier lists, this list should serve as a basis for discriminating selection on the part of the Officer in Charge of the Technical Library at each installation. It is suggested that the list be called to the attention of officers interested in the various types of material for their recommendations. It should be understood that this material is purchased from a special allotment available for technical books and periodicals, and does not involve the expenditure of local funds. Requisitions should be submitted to the Commanding Officer, 836th AAF Specialized Depot, State Fairgrounds, Indianapolis 5, Indiana, Attention: Assitant Depot Supply Officer (Class 30-D), in accordance with paragraph 4a of AAF Regulation 50-9 (11 December 1944). As stated in that regulation, supplements to this revised list will be issued periodically.

3. New books added to the list since the appearance of Book List 1B are listed below by item numbers to aid in easy checking of the material now available for the first time.

Items: 7, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 56, 61, 68, 74, 104, 113, 116, 117, 118, 136, 141, 142, 154, 158, 173, 177, 184, 201, 204, *226, 240, 263, 275, 277, 278, 279, 299, 301, 312, 313, 314, 330, 334, *353, 358, 376, 398, 401, 412, 425, 442, 445, 462, 472, 481, 492, 504, 509, 518, 524, 532, 539, 547, 564, 583, 587, 603, 616, 621, 630, 632, 634, 641, 653, 654, 675, 676, 683, 708, 712, 741, 761, 775, 782, 786, 797, 812, 823, 841, 843, 881, 882, 889, 897, 922, 930, 939, 959, 969, 996, 1007, 1010, *1011, 1074, 1080, 1088, 1135, 1147, 1157, 1159, 1170, 1204, 1230, 1238, 1242, 1246, 1265, 1275, 1291, 1303, 1304, 1311, 1326, 1329, 1345, 1356, 1374, 1376, 1390, 1392, 1420, 1454.

It should be noted that in the revision of the three former lists each title has been given a new item number. Requisitions for any of this material should carry the new rather than the old item numbers, as well as the author and title.

4. Library supplies have been recently added to the Stock List for Class 25-B and are included in Stock List Addendum, Class 25-B, Office Supplies (S-25-B-1), dated 5 October 1944. This material is subject to requisition from all AAF installations, both continental and overseas, and requisitions should be addressed to the Commanding General, Fairfield Air Technical Service Command, Patter-

son Field, Fairfield, Ohio, Attention: Class 25-B (and *not* Publications Distribution Branch as stated in the note in Book List 1B). Stock numbers and nomenclature for the available materials are listed below:

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8700-160167	CARDS, CATALOG (PLAIN MEDIUM WEIGHT)
8700-160500	CARDS, DATE (WHITE MEDIUM WEIGHT)
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NOTE: Attention is invited to the fact that in accordance with AAF Regulation 50-9, paragraph 7a(3), the Army Air Forces Library is responsible for "Recommendations governing the activation of new field technical libraries . . . and determinations governing the transfer of library materials in instances where AAF activities are discontinued." In the latter case, it is requested that the Officer-in-Charge of the Field Technical Library involved inform this office as soon as any change is contemplated. This information should be addressed as follows: Commanding General, Army Air Forces, Washington 25, D.C., Attention: Management Control, Library Branch. It should be pointed out that an AAF Technical Library should be so set up that the material will be available to all personnel of the field or base, and not belong to any one unit. For this reason a Field Technical Library is not ordinarily inactivated when separate units are transferred. However, if the field or base is to be completely abandoned, with no Air Forces activity remaining there, this office should be informed as instructed above. In no case should an entire Technical Library collection be transferred from a station without first consulting the headquarters office, referred to above.

AUTHOR LIST

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1 *Abdominal and Genito-Urinary Injuries.* Philadelphia, Saunders, 1942. $3.00. (Saunders Military Manuals) 617.46

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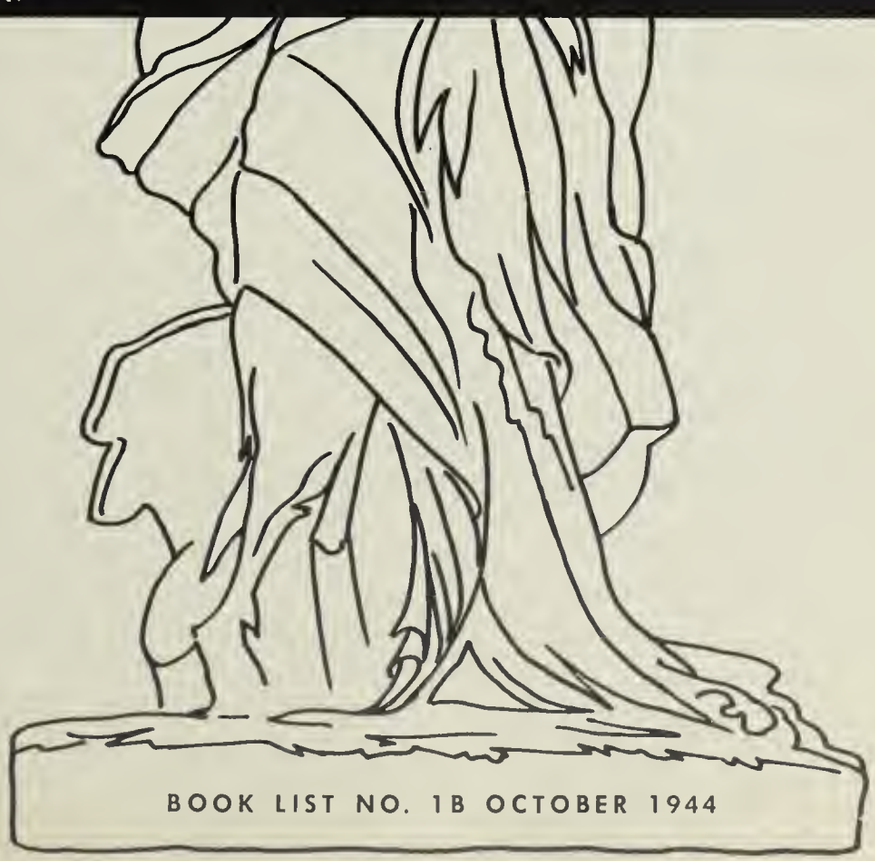

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31* Armstrong, Harry G. *Principles and Practice of Aviation Medicine.* Baltimore, Williams & Wilkins, 1943. $6.50 2d ed

34 Ashkouti, Joseph A. *Aircraft Mechanic's Pocket Manual.* N.Y., Pitman, 1944. $1.50 3d ed

83 Brodie, Bernard. *Guide to Naval Strategy.* Princeton, N.J., Princeton University Press, 1944. $2.75 3d ed

171 Fahey, James C. *Ships and Aircraft of the U. S. Fleet.* N.Y., Ships & Aircraft, 1944. $1.00 2d ed

188* Flight Preparation Training Series. *Air Navigation.* N.Y., McGraw-Hill, 1943-1944. pts. 1-5 $5.75

349 McComsey, John A., and Edwards, M. O. *Soldier and the Law.* Harrisburg, Pa., Military Service, 1944. $2.00 3d ed

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580* Wilkinson, Paul H. *Aircraft Engines of the World, 1944.* N.Y., Paul H. Wilkinson, 1944. $8.50

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1059 Andres, Paul G., and others. *Basic Mathematics for Engineers.* N.Y., Wiley, 1944. $4.00

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1061 Appley, Lawrence A. *Human Element in Personnel Management.* Washington, Society for Personnel Administration, 1941. $.35

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1301 Spriegel, William R., and Schulz, Edward. *Elements of Supervision.* N.Y., Wiley, 1942. $2.25

1302 Starnes, A. H. *Delayed Opening Jumps and Their Life Saving Value.* Chicago, Ill., Parachute Science Service, 1942. $1.50

1303 Starr, Richard B. *Foremanship Training.* N.Y., Prentice-Hall, 1943. $2.00

1304 Stead, William H. *Occupation Counseling Techniques, Their Development and Application.* N.Y., American Book, 1940. $2.50

1305 Stern, Michael. *Into the Jaws of Death.* N.Y., McBride, 1944. $2.75

1306 Stewart, John Q., and Pierce, N. L. *Maine and Air Navigation.* Boston, Ginn, 1944. $4.50

1307 Stieri, Emanuele. *Drill Presses.* N.Y., Duell, Sloan & Pearce, 1944. $1.50

1308 Stieri, Emanuele. *Engine Lathe.* N.Y., Duell, Sloan & Pearce, 1944. $1.50

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1310 Stieri, Emanuele. *Shapers.* N.Y., Duell, Sloan & Pearce, 1943. $1.50

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1312 Stocker, Harry E. *Materials Handling; Principles, Equipment and Methods.* N.Y., Prentice-Hall, 1943. $3.75

1313 Stricker, Albert H. *Seven Steps toward Simplified Office Procedure.* N.Y., McGraw-Hill, 1943. $1.75

1314 Strom, Hans. *Dictionary of Ordnance Terms: Arms, Ammunition, Explosives, Materiel; in English, French, German, Italian, Spanish.* N.Y., Ungar, 1944. $5.00

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1321 Taylor, Louie S. *Successful Soldering.* N.Y., McGraw-Hill, 1943. $1.00

1322 Teichert, Ernest J. *Ferrous Metallurgy.* N.Y., McGraw-Hill, 1944. $8.00 (vols. 1 and 2, vol. 3 in preparation) 2d ed

1323 Thomas, Rowan T. *Born in Battle, Round the World Adventures of the 513th Bombardment Squadron.* Philadelphia, Winston, 1944. $3.00

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1325 Trewartha, Glenn T. *Introduction to Weather and Climate.* N.Y., McGraw-Hill, 1943. $4.00 2d ed

1326 Tupholme, Cuthbert H. S. *Twentieth Century Engineering.* N.Y., Philosophical Library, 1944. $3.00

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1340 Walker, Helen M. *Elementary Statistical Methods.* N.Y., Holt, 1943. $2.75

1341 Wallace, Andrew. *Aircraft Engine Trouble Shooting Chart.* N.Y., Henley, 1942. $.75

1342 Wang, Theodore J. *Mathematics of Radio Communications.* N.Y., Van Nostrand, 1943. $3.00

1343 *War Atlas for Americans.* N.Y., Simon & Schuster, 1944. $2.50

1344 Ware, Lawrence A., and Reed, H. R. *Communication Circuits.* N.Y., Wiley, 1942. $3.50

1345 Warren, J. A. Crosby. *Flight Testing of Production Aircraft.* N.Y., Pitman, 1943. $2.50

1346 Waugh, E. D. J. *West Point.* N.Y., Macmillan, 1944. $2.50

1347 Weil, Benjamin H., and Anhorn, V. J. *Plastic Horizons.* Lancaster, Pa., Jaques Cattell Press, 1944. $2.50

1348 Weir, John J. *Elementary Mathematics for the Machine Trades.* N.Y., McGraw-Hill, 1943. $2.00

1349 Wentworth, George A. *New School Algebra.* Boston, Ginn. $1.60

1350 Wilson, George E. *Aircraft Identification for Fighting Airmen.* Philadelphia, McKay, 1943. $1.50

1351 Wittman, Konrad F. *Industrial Camouflage Manual.* N.Y., Reinhold, 1942. $4.00

1352 Worthing, Archie G., and Geffner, Joseph. *Treatment of Experimental Data.* N.Y., Wiley, 1943. $4.50

1353 Wylie, Paul E. *Essentials of Modern Navigation.* N.Y., Harper, 1943. $3.50 4th ed

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1356 Yoder, Dale. *Personnel Management and Industrial Relations.* N.Y., Prentice-Hall, 1942. $4.25

1357 Young, James F. *Materials and Processes.* N.Y., Wiley, 1944. $5.00

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1358 Zepler, E. E. *Technique of Radio Design.* N.Y., Wiley, 1943. $3.50

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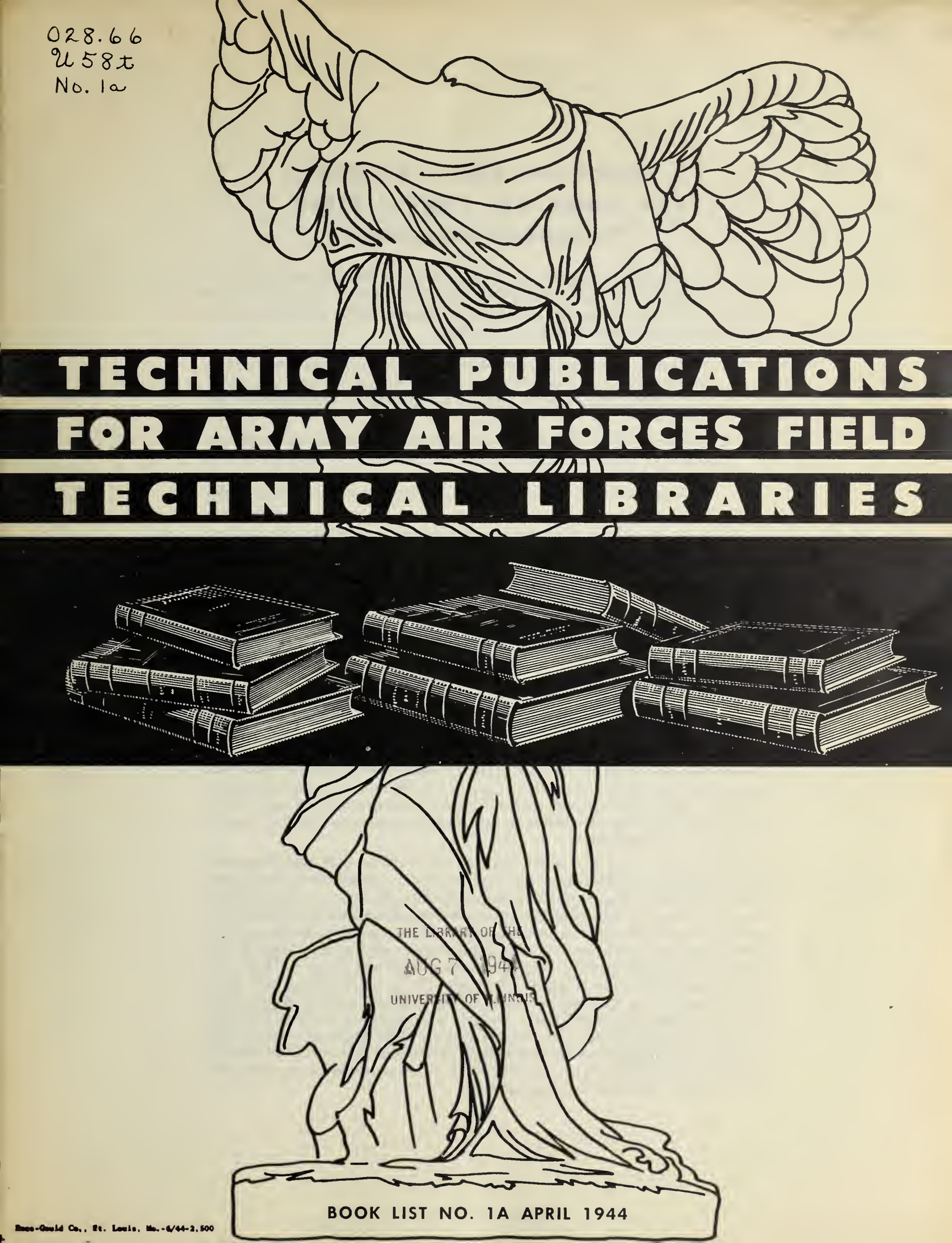

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The following list of technical publications is issued in accordance with AAF Regulation 50-9 (2 November 1943) as a supplement to Book List No. 1, dated December 1943, and is intended to serve as an additional guide for book selection by the AAF Field Technical Libraries. It includes:

1. Changes in bibliographic information concerning titles which appeared in Book List No. 1. In some cases these changes involve new prices, in others, new editions, while some of them are incorporated to correct errors in the first list.
2. New aeronautical publications which have appeared or been favorably considered for inclusion in the list since the publication of Book List No. 1. As in Book List 1, those titles which have been or are currently being automatically distributed to most Technical Libraries are marked with asterisks.
3. Expansion of subjects previously represented in the list and inclusion of some new subject fields on the recommendation of certain office divisions of the Army Air Forces. (Examples: METEOROLOGY and LAW.)
4. Titles incorporated in the Bibliography of Aviation prepared by the AAF Library for the forthcoming Official Guide to the Army Air Forces which is to be published this Spring. This inclusion expands the titles included under the subject AERONAUTICS-HISTORY and adds a list of personal narratives indexed under the heading WORLD WAR II—AIR NARRATIVES.
5. A subject index to the author list.

As was true of Book List No. 1, this list should serve as a basis for discriminating selection on the part of the Officer in Charge of the Technical Library at each installation. It is suggested that the list be called to the attention of officers interested in the various types of material for their recommendations. It should be understood that payment for this material is made from a special allotment for the purchase of technical books and periodicals, and does not involve the expenditure of local funds. Requisitions should be submitted in accordance with paragraph *4a.* of AAF Regulation 50-9 (2 November 1943).

NOTE: Attention is invited to the fact that in accordance with AAF Regulation 50-9, paragraph *7a.*(3), the Army Air Forces Library is responsible for "Recommendations governing the activation of new field technical libraries . . . and determinations governing the transfer of library materials in instances where AAF activities are discontinued." In the latter case, it is requested that the Officer-in-Charge of the Field Technical Library involved inform this office as soon as any change is contemplated. This information should be addressed as follows: Army Air Forces Library, Room 1A530, The Pentagon, Washington 25, D. C., Attention: Field Technical Library Section. It should be pointed out that an AAF Technical Library should be so set up that the material will be available to *all* personnel of the field or base, and not belong to any one unit. For this reason a Field Technical Library is not ordinarily inactivated when separate units are transferred. However, if the field or base is to be completely abandoned, with no Air Forces activity remaining there, this office should be informed as instructed above.

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CHANGES IN BOOK LIST NO. 1

(new editions, price changes, corrections, etc.).

4* *Aerosphere.* N.Y., Aircraft Publications, 1944. $15.00 vol. 4.

21 American Radio Relay League. *Radio Amateur's Handbook.* West Hartford, Conn., American Radio Relay League, 1943. $1.00 21st ed

88* Bunkley, Joel W. *Military and Naval Recognition Book.* N.Y., Van Nostrand, 1943. $2.50 4th ed

114* Item No. 1030 now replaces this title.

154* Dutton, Benjamin. *Navigation and Nautical Astronomy.* Annapolis, Md., U. S. Naval Institute, 1943. $2.00 8th ed

188* *Flight Preparation Training Series. Air Navigation.* N.Y., McGraw-Hill, 1943. $4.25 pts., 1-3, 5

195* Fraser, Chelsea C. *Famous American Flyers.* N.Y., Crowell, 1941. $2.00

198* French, Thomas E., and Swensen, C. L. *Mechanical Drawing.* N.Y., McGraw-Hill, 1940. $1.60 4th ed

205* Ghirardi, Alfred A. *Radio Troubleshooter's Handbook.* N.Y., Murray Hill Books, 1943. $5.00 3d ed

267 Hobart, Dean E. *Blue Print Reading.* N.Y., Harper, 1943. $1.00 rev. ed

283* Irvin, George E. *Aircraft Instruments.* N.Y., McGraw-Hill, 1944. $5.00 2d ed

290* Johnson, James F. *Applied Mathematics.* Milwaukee, Bruce, 1939. $1.60

356* Manly, Gardener B. *Aircraft Powerplant Manual; a Practical Instruction and Reference Work on Aircraft Powerplants and Allied Subjects.* Chicago, Drake, 1943. $4.00 3d ed

518 Suddeth, James H. *Aircraft Engine Maintenance.* N.Y., Wiley, 1944. $2.75 rev. ed

552* U. S. Office of War Information. *United States Government Manual.* Washington, Government Printing Office, 1943-44. $1.00

583 Williams, Robert E., and Scarlott, C. A. *Radio.* N.Y., American Book, 1943. $1.48

586* Winter, William J. *War Planes of All Nations.* N.Y., Crowell, 1943. $3.00

593* *World Almanac.* N.Y., World Telegram, 1944. $.75

603* Younger, John E., Bonnalie, A. F., and Ward, Nairne F. *Airplane Maintenance.* N.Y., McGraw-Hill, 1944. $3.00 2d ed

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610 Abraham, R. D., and Sanuosuke, Yamamoto. *Japanese for Military and Civilian Use.* Philadelphia, McKay, 1944. $2.00

611 Ahrens, Lothar. *Dictionary of Aeronautics; English, French, German, Italian, Spanish.* N.Y., Frederick Ungar, 1943. $5.00

612 Aiken, Chester C., and Lilly, S. B. *Teacher Training for Industry.* N.Y., McGraw-Hill, 1942. $1.25

613 Alderman, William H. *Audels Aircraft Worker.* N.Y., Audel, 1942. $1.00

614 Almstead, Francis E., and Tuthill, F.R.L. *Radio Materiel Guide.* N.Y., McGraw-Hill, 1943. $2.00

615 American Institute of Electrical Engineers. *American Standard Definitions of Electrical Terms.* N.Y., A.I.E.E., 1942. $1.00

616 Anderson, Arthur G., and others. *Industrial Management.* N.Y., Ronald, 1942. $4.50 rev. ed

617 Apalategui, J. J., and Adams, L. J. *Aircraft Analytic Geometry.* N.Y., McGraw-Hill, 1944. $3.00

618 Aquino, Francisco R. de. *Sea and Air Navigation Tables.* Annapolis, Md., U. S. Naval Institute, 1938. $5.00

619* Arnold, Henry H., and Eaker, I. C. *This Flying Game.* N.Y., Funk & Wagnalls, 1944. $3.00 3d ed

620 Aspley, John C., and Whitmore, Eugene. *Industrial Relations Handbook.* Chicago, Dartnell, 1943. $7.50

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621 Babb, Hugh W., and Martin, Charles. *Outline of Business Law.* N.Y., Barnes and Noble, 1943. $1.25

622 Baker, Robert H. *Introduction to Astronomy.* N.Y., Macmillan, 1940. $3.00 2d ed

623 Banning, Kendall. *Our Army Today.* N.Y., Funk & Wagnalls, 1943. $2.50

624 Barger, Clarence G. *Automotive Mechanics—II.* N.Y., American Book, 1943. $1.24

625 Barnes, Ralph M. *Work Methods Manual.* N.Y., Wiley, 1944. $1.75

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626 Baruch, Ismar. *Administration of a Classification Plan Through Periodic Audits.* Chicago, Civil Service Assembly, 1936. $.25

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629 Beitman, Morris N. *Practical Radio for War Training.* Chicago, Supreme Publications, 1943. $2.95

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631 Berman, Harry H., and McRone, H. W. *Applied Safety Engineering.* N.Y., McGraw-Hill, 1943. $2.00

632 Bernhard, Hubert J., and others. *New Handbook of the Heavens.* N.Y., Whittlesey House, 1941. $2.50

633 Bethel, Lawrence L., and others. *Production Control.* N.Y., McGraw-Hill, 1942. $2.75

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635 Biesterfeld, Chester H. *Patent Law for Chemists, Engineers, and Students.* N.Y., Wiley, 1943. $2.75

636 Bingham, Walter V. *Aptitudes and Aptitude Testing.* N.Y., Harper, 1937. $3.00

637 Black, Henry C. *Law Dictionary.* St. Paul, Minn., West, 1933. $6.50 3d ed

638* Blackburn, Elbert F. *Basic Air Navigation.* N.Y., McGraw-Hill, 1944. $3.00

639 Blomquist, Albert E. *Outline of Air Transport Practice.* N.Y., Pitman, 1941. $4.50

640 Blunt, Vernon E. R. *Use of Air Power.* Harrisburg, Pa., Military Service, 1943. $1.00

641 Boston, Orlan W. *Metal Processing.* N.Y., Wiley, 1941. $5.00

642 Brady, George S. *Materials Handbook.* N.Y., McGraw-Hill, 1944. $5.00 5th ed

643 *Brassey's Naval Annual, 1943.* N.Y., Macmillan, 1943. $5.00

644 Breul, Karl H. *Cassell's New German and English Dictionary.* N.Y., Funk & Wagnalls, 1939. $4.50

645 Brimm, Daniel J. *Air Acrobatics are Easy; with Aeroscope.* N.Y., McGraw-Hill, 1943. $2.50

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647 Brouwer, Dirk, and others. *Spherographical Navigation.* N.Y., Macmillan, 1944. $5.00

648 Bruno, Harry. *Wings over America.* N.Y., McBride, 1942. $3.00

649 Brunt, David. *Physical and Dynamical Meteorology.* N.Y., Macmillan, 1939. $6.75 2d ed

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650 Caldwell, Cyril C. *Air Power and Total War.* N.Y., Coward-McCann, 1943. $2.50

651 Cant, Gilbert. *America's Navy in World War II.* N.Y., John Day, 1943. $3.75

652 Carroll, Phil, Jr. *Timestudy for Cost Control.* N.Y., McGraw-Hill, 1943. $3.00 2d ed

653 *Cassell's New French-English, English-French Dictionary.* N.Y., Funk & Wagnalls, 1930. $3.75

654 Caverly, Don P. *Primer of Electronics.* N.Y., McGraw-Hill, 1943. $2.00

Chicago, University. Institute of Meteorology. Miscellaneous Reports. (No. 655-665)

655 Byers, H. R. *Nonfrontal Thunderstorms.* Chicago, University of Chicago Press, 1943. $.75 No. 3

656 Church, Phil E. *Annual Temperature Cycle of Lake Michigan, Cooling from Late Autumn to the Terminal Point.* Chicago, University of Chicago Press, 1943. $.75 No. 4

657 Ference, Michael, Jr., and others. *Mobile Weather Unit with an Example of a Field Forecast.* Chicago, University of Chicago Press, 1943. $.75 No. 6

658 Jones, William W. *Weather Map Construction and Forecasting in the Westerlies from Single-Station Aerological Data.* Chicago,University of Chicago Press, 1943. $.75 No. 7

659 Miller, E. H., and Thompson, W. L. *Proposed Method for the Computation of the 10,000 foot Tendency Field.* Chicago, University of Chicago Press, 1942. $.25 No. 1

660 Riehl, Herbert, and Elford, C. R. *Ocean Analysis from Coastal Reports.* Chicago, University of Chicago Press, 1943. $.75 No. 9

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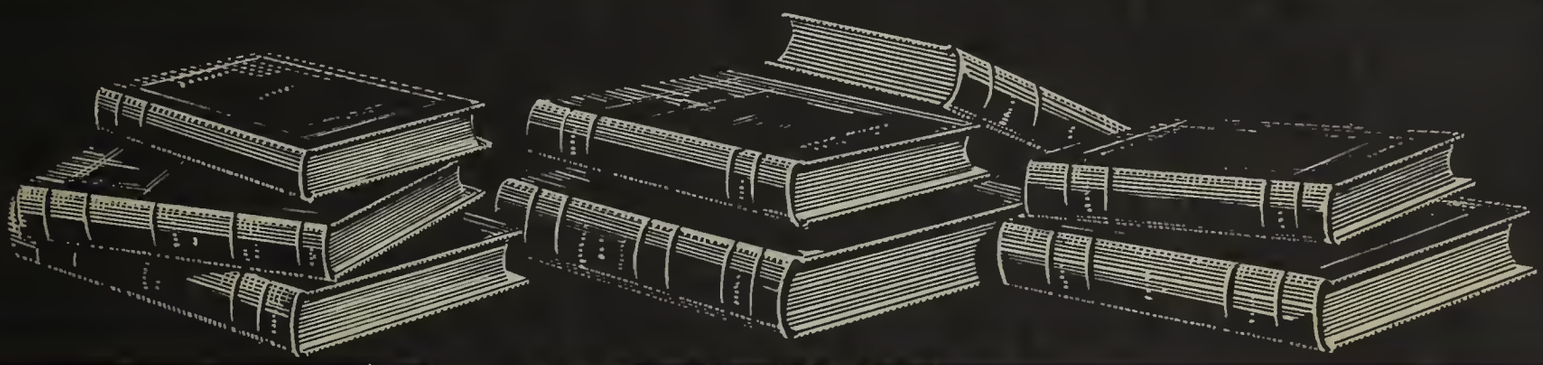

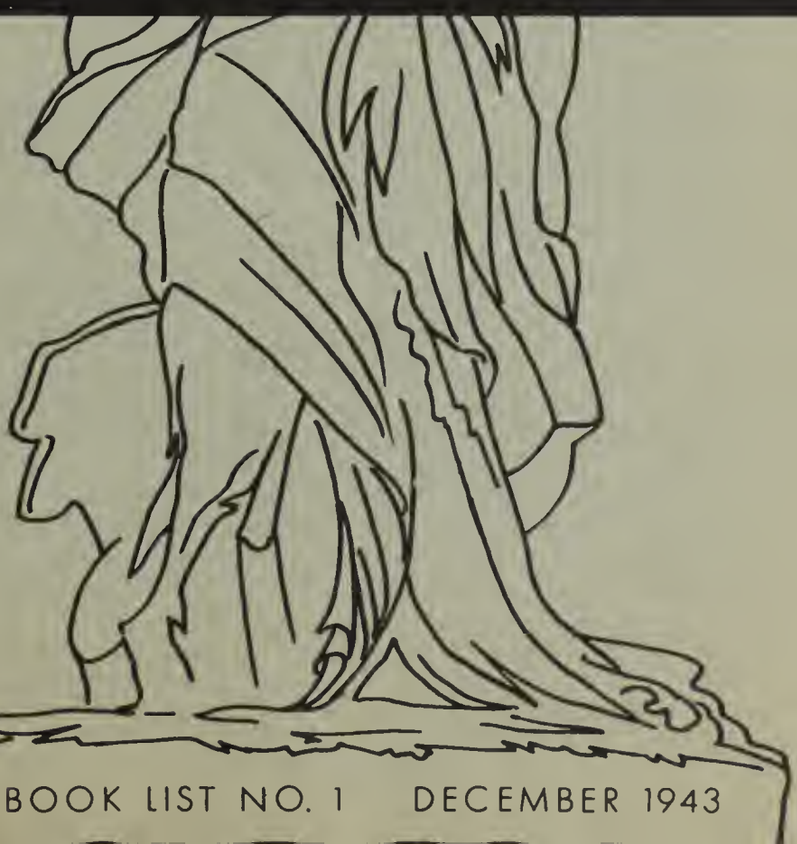

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